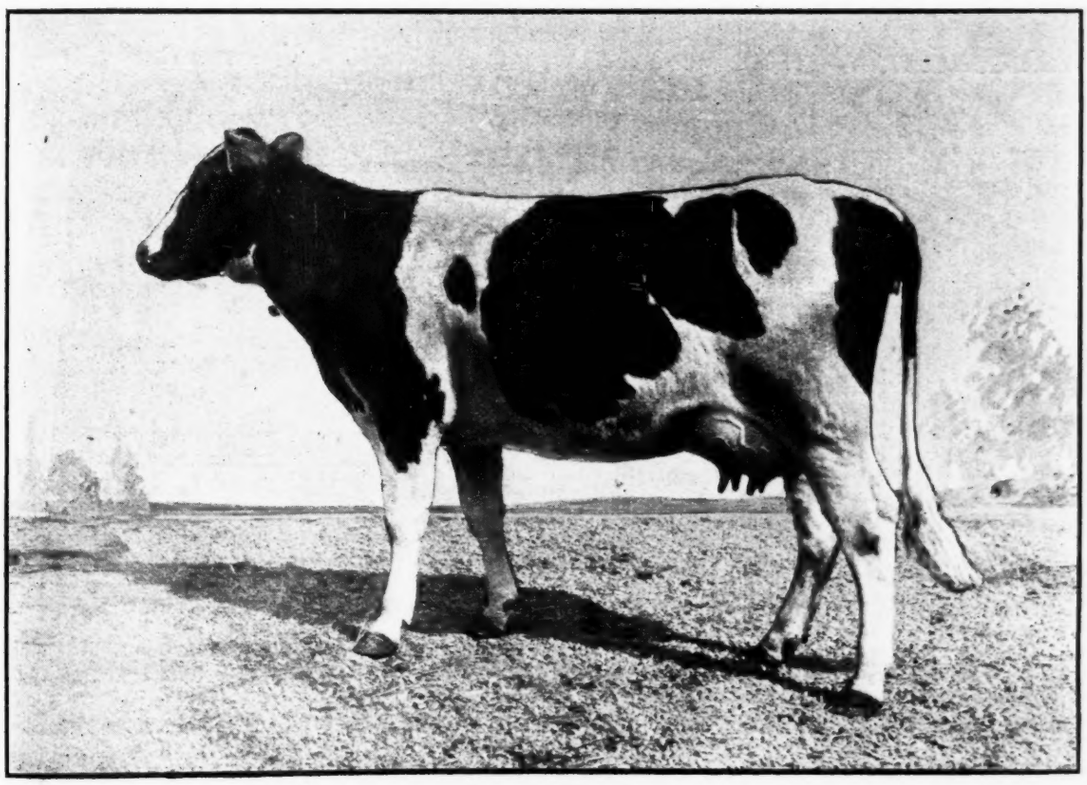
HOLSTEIN-FRIESIAN WORLD

VOL. V. ITHACA, NEW YORK, MAY 22, 1908. NO. 10.



PRINCESS HENGERVELD DE KOL, NO. 84540.

Butter 7 days, 20.34 lbs. Age 1 yr. 11 mo. 10 d., Average per cent. of fat, 4.24. Sire, Hengerveld De Kol, No. 23102, dam Princess Johanna Rue, No. 65203. A. A. Cortelyou, Somerville, N. J.

THE BLOOMINGDALE HERD

Is the Home of Over One Hundred Head of Registered Holstein-Friesian Cattle

Anyone Wishing to Buy an Extra Quality of High-Class Holsteins of Either Sex

Or any age will be able to select from this herd something that will please him both in quality and price.

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Breeders' Directory.

If your subscription is paid in advance your herd will be published in this directory at $1.00 per year.

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Brookside-Moyerdale Herd, The Stevens Brothers-Hastings Co., Lacona.

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De Kol 2d's Butter Boy 3d, the sire of 56 A. R. O. daughters. This is more than any other bull of his age.

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The greatest aged sire in active service. Our herd contains 32 of his daughters.

Karel Bos (Imp.), whose dam and granddam have the largest authenticated records ever made in Holland. A young bull of great individual merit and whose progeny are very promising.

The best imported bull in America. We have 15 of his daughters.

Korndyke Butter Boy, a son of Korndyke Queen De Kol and De Kol 2d's Butter Boy 3d. The seven nearest tested dams in his pedigree have official records averaging over 26 lbs. butter in 7 days.

The closest possible combination of the Korndyke De Kol and Hengerveld families, the families that have produced the greatest sires of the breed. A show bull in every sense of the word.

Our herd numbers 165 head. Our stables are crowded and if you want some good stuff at reasonable prices, write or come and look us over. Nearly all the females in the herd of breeding age are bred to the above bulls.

Henry Stevens & Son,

Brookside Stock Farm, - Lacona, N. Y.

SONS OF AAGGIE CORNUCOPIA JOHANNA LAD

out of dams by

PAUL BEETS DE KOL

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KORNDYKE QUEEN DE KOL PRINCE

With good A. R. O records.
Write for what you want.

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PREVENTINE

The only remedy guaranteed to prevent abortion in cows and scours in young calves. Used with success for years in leading Holstein herds. Under a positive guarantee.

THE STEVENS BROTHERS-HASTINGS CO.

(TheHolstein Breeders) LACONA, Oswego, Co., N. Y.

Cloverdale Farm, Brandon, Vt., Aug. 7, 1905

Dear Sir:—Three years ago we lost three calves of abortion, and sent the next year and got a gallon of your PREVENTINE and used according to directions, and haven't lost another calf. One of our neighbors lost several last winter. We got some for him, and they haven't lost any more. It is the best fly remedy we ever used. Yours truly,

J. G. WHITE & SON.

Holstein-Friesian World

VOL. V. ITHACA, N. Y., MAY 22, 1908. No 10.

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Advanced Registry and Official Testing in charge of superintendent as above.

MILKING MACHINES IN GREAT BRITAIN.

Special Agent Roland R. Dennis, writing from England, describes the successful use of machines in milking cows in Scotland, in the following report:

Through the kindness of a Scotch friend I was given opportunities of seeing the practical working of two of the most successful systems of mechanical milkers. This same friend was also good enough to arrange that I could meet a gentleman of Edinburgh, who has been for years intimately connected with dairy interests and is considered an expert on all matters and mechanical appliances connected with the industry. This gentleman reviewed in a terse and most entertaining manner the history of Scotch milking machinery, which covered a term of more than twenty years, and is virtually the whole history of the success of a most practical and labor-saving instrument.

The very first efforts to supplant hand milking were made by an American, who conceived the idea of inserting a long tube in the cow's teat. The claim made was that a valve existed at the junction of the teat with the udder, and that as soon as this valve was raised by the end of the tube the milk would run out of the udder into the pail placed in the same position as for hand milking. Experience proved that the valve was there, but it opened downward instead of upward, and this class of milker was soon discarded as worthless.

Then experiments were made using an exhaust pump, with rubber cases applied to the teats, and drawing the milk away by suction. This procedure was supposed to exactly duplicate the action of a calf in suckling. Experiments, however, soon developed two serious failings in this idea: first, keeping the teat in what might be called an "exhausted receiver" for six to ten minutes twice each day soon brought an inflammation of the outer skin of the teat, owing to the lack of proper blood circulation, while the machine was attached; second, the milk, running from the cow to an inclosed pail failed to come at all in contact with the outside air, and not being aerated it neither kept so well nor was as productive for cheese or butter as hand-milked milk.

At this point mechanical milking came to a practical standstill for some years. However, that optimistic feeling that, fortunately for the world at large, seems to imbue the average inventor urged on the many who were endeavoring to work out to a successful ending this difficult proposition. At last a "pulsator" was tried and the question was solved. The pulsator is attached variously in the different systems, but always placed either on top of the pail or directly on the milking tube. It is a very simple, automatically working piston, held in place by a spring which is carefully adjusted according to the vacuum developed by the pump. The vacuum being formed the milk is drawn from the teat, and at the same time the piston of the valve is forced up against the spring by the natural air pressure of 15 pounds to the square inch. Attached to the valve piston is a rod, which actuates a small slide covering two small holes. As the piston moves forward the side uncovers these holes, outside air rushes in the vacuum is destroyed, and the milking ceases for an instant exactly the same as in hand milking. Then the spring behind the piston forces the piston back to its normal position, the slide covers the two small air holes, again the vacuum is formed anew, and the movement begins over again.

Near Dumfries, Scotland, I saw what I considered much the better of the two principal systems work on a herd of 75 cows. The pump in use was a double cylinder exhaust pump worked by an electric motor. The piping connecting with the pump was carried around the stable just under the molding on the front of the mangers, with a small lever stop-cock placed in the pipe between each two of the cows. The machine makers much prefer to have the pipe carried overhead, about 6 feet from the floor, thus making it impossible for the cows to injure their heads or forelegs with the stop-cocks. It was not so done, and rightly I thought, in this case, as the superintendent refused to have his handsome stable disfigured by the pipe overhead. The droppings in the stable being cleared up and removed, the two men who adjusted the machines to the cows "washed up," taking care to include their heads in the operation, the motor was switched in and milking began, each cow's udder being carefully wiped with a towel before the machine was attached. The cows evidently took kindly

to the mechanical work, as I did not see one that offered the slightest resistance to the machine being placed. I was told that in nearly a year's use there had not been a single case of injury to any of the cows, and only in a very few cases had they been obliged to favor cows, unaccustomed to the machine, for the first day or two. The 75 cows were milked in less than an hour and a half. Ten milkers were used, which made the average total time consumed per milker per cow twelve minutes.

THE LAKESIDE HERD AT THE FRONT.

According to the official report of the Superintendent of Advanced Aegistry, for the period from April 5th to April 22nd the Lakeside herd of E. A. Powell of Syracuse, N. Y., has been doing some splendid work. The report reads:

"(The head of the whole list is held by the Senior four-year-old Ida Lyons 2nd with the great record of 23.298 lbs. fat, from 636.3 lbs. milk, in 7 days, and 93.688 lbs. fat, from 2,655.2 lbs. milk in 30 days.)

"Among the Junior four-year-olds, Meta Paul DeKol 2nd, is far in the lead with a record of 20.212 lbs. fat, from 540.1 lbs. milk.

"The Senior two-yearolds sho-w, two animals, above 16 lbs. fat namely, Pet King Meta 3rd, 16.253 lbs. fat, from 423.5 lbs. milk, and Wayne DeKol Butter Maid, 16.084 lbs. fat, from 422.9 lbs. milk, in 7 days, and 66.027 lbs. fat from 1779.7 lbs. milk in 30 days.

"Among the Junior two-year-olds Eva DeKol Burke 2nd, 16.438 lbs. fat, 362.7 lbs milk, leads, gaining sixth (6th) place in her class and the right to claim the largest production, of butter fat of any heifer of her age or younger."

In this issue there was reported six cows from the Lakeside herd, including one four-year senior, which leads the entire list of all ages, leading the next in her class by over 3 lbs. fat; one four-year-old Junior, which is far in the lead of her class, surpassing her strongest competitor by over 3 lbs. fat; three two-year seniors, two of which take the first and second places, each having made over 16 lbs. fat, being the only heifers in the class to make that amount. The other heifer in that class made 14.081 lbs. fat, which was only excelled by three outside the herd. The sixth one reported was a Junior two-year-old,—only 2 years and 15 days, which not only led her class by nearly two pounds fat, but surpassed all previous records of her age or younger, by making 16.438 lbs. fat.

This is a great showing for the Lakeside herd, and must be very gratifying to Mr. Powell. It is seldom that such a remarkable showing has been made by any herd.

A. Stone.

MR. CORTELYOU'S CONSIGNMENT TO THE JUNE SALE.

In calling attention to the Holsteins offered for sale in the Breeders' Consignment Sale at Syracuse, June 4th and 5th, it is the intention of the different members of the Sales Co. to make the quality of cattle to be offered of the very best. They will consist of high class cows combined with great breeding and bred to the very best sires, young cows with the very best individual merit as well as breeding, and young sires adapted to fill places in the very best herds.

Bloomingdale Herd offers a young cow with a 4 yr. old record of 29.9 lbs. in 7 days and 115.22 in 30 days, average per cent. of fat in both tests 4.02, and her daughter by Hengerveld DeKol. A bull calf out of Princess Hengerveld DeKol, 20.34 lbs. as a yearling, sired by Pietje 22d Woodchest Lad. Three daughters of Johanna Rue 3d's Lad. A grand daughter of Pietertje Hengerveld Count DeKol. A very fine 2 yr. old just made nearly 20 lbs., and another 2 yr. old that has just made nearly 19 lbs. A grand daughter of Susie DeKol 20 lbs. at 3 yrs, and a lot of young heifers with excellent breeding coming due with their first calves.

These cows will be bred to Johanna Rue 3d's Lad, King Fayne Segis, and Sir Hengerveld Homestead DeKol. The Consignment comprises some of the best things in our herd and is the best lot I have ever sent to any sale.

A. A. CORTELYOU.

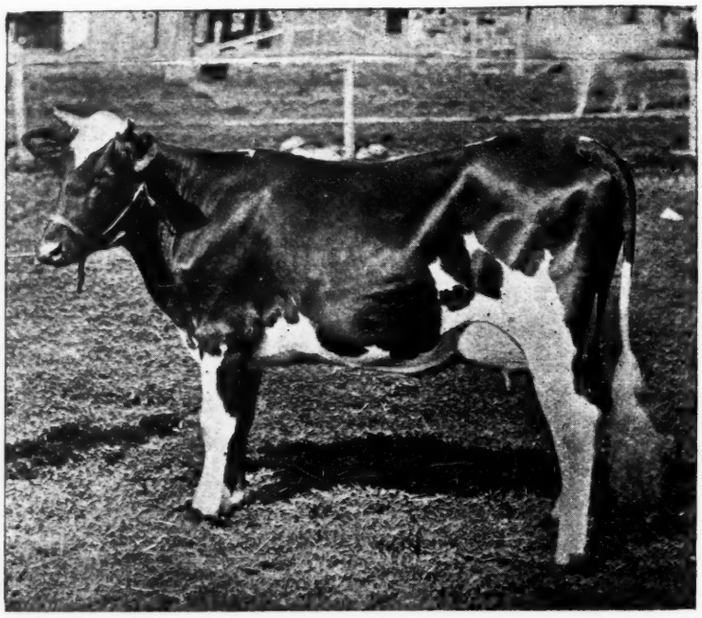
ACTION OF THE A. J. C. C. IN THE ROGERS-DAWLEY CASE.

At the annual meeting on May 6, the Executive Committee and Board of Directors of the A. J. C. C. passed the following resolutions:

"The report of F. B. Keeney having been considered, together with the testimony upon which the same was founded, and Mr. Dawley having appeared before the Executive Committee and presented his statement of the case by his counsel,

"Resolved—First: That we find that the said Frank E. Dawley delivered one or more grade animals to Hubert Button, of Cazenovia, N. Y., Sept. 24, 1904, as registered Jerseys; and that, inasmuch as no proof has been offered to show which of the animals delivered to Mr. Button were entitled to registration, that all of said animals and their progeny be stricken from the Register, unless within six months Mr. Button presents proof, independent of the testimony of Mr. Dawley, of the correctness of registration of such of said animals as are not grades.

"Second: We find that Mr. Dawley delivered to F. D. Squiers a grade cow, designated in the testimony as the Pratt cow, as a registered cow, Zola of Asto-



MARIE PIETERTJE KORNDYKE, 89972.
She is the only heifer of the breed to make 20.97 lbs. under 2 yrs. Her sire, Admiral Walker Pietertje, is also the sire of Mary Walker Pietertje, 77790, 20.007 lbs., making him the only sire to have two daughters over 20 lbs. at an average age of 2 yrs. 26 ds. Her dam is a sister to Bessie Hamilton 2d, 229 lbs. Springdale Herd, H. M. Dunham, Prop.

ria, 150889; that the transfer to said Squiers be declared void, and the Secretary be directed to strike said transfer from the Transfer Ledger, and to strike from the Herd Register any progeny of Zola of Astoria since the date of said transfer.

"Third: That we find that the said Frank E. Dawley delivered to The Rogers Nurseries at Dansville, N. Y., two grade animals purchased of F. D. Squiers as registered Jerseys, No. 54 as Dotshome Daisy, 193204, and No. 51 as Dotshome Carlotta, 193206; that the said animals, and any progeny thereof, be stricken from the Herd Register.

"Fourth: From the uncontradicted evidence in the case with reference to the illness of Queen Carey, 124033, we find that Dotshome Helen Stanley, 193 203, and Golden Rod, 68352, are not entitled to registration, and direct the Secretary to strike said anmals from the Register.

"Fifth: We find that two animals were registered as the progeny of Dot's Lily, 49220, which were dropped after the death of said cow, viz.: Dotshome Czarlil, 180521, and Dotshome Elizabeth W., 192055; and that the Secretary be directed to strike said animals from the Register.

"Sixth: We find that three animals were registered as the progeny of Matilda of Side View, 133832, which were dropped after the death of said cow, viz.: Dotshome Matilda Mat, 180522, Dotshome Matilda Naiad, 191403, and Matilda of Maple Row, 191404; and that the Secretary be directed to strike said animals from the Herd Register.

"Seventh: The Secretary is directed to refuse for record any subsequent entry or transfer dependent upon the signature of said Frank E. Dawley."

The above action of the Executive Committee was submitted at the meeting of the Directors May 5. The Board unanimously passed the following resolutions:

"Resolved, That the report of the Executive Committee in the matter of the investigation of charges against Frank E. Dawley be approved.

"Resolved, That Frank E. Dawley be expelled from the American Jersey Cattle Club because of violation of Article VII of the Constitution; providng that a majority of the members of the cub voting on the case, as laid before them by the Directors, vote in favor of such expulsion."

SELECTIONS.

If a man keep cherishing his old knowledge, so as continually to be acquiring new, he may be a teacher of others.

* * * * *

He who exercises government by means of his virtue, may be compared to the north polar star, which keeps its place and all the stars turn towards it.

—Confucius.

Field Notes.

In John B. Irwin's ad in the last issue of the World, Inka Darkness 2d's Queen was credited with 5.17 per cent. fat. This was an error of the proof reader. The per cent. should read 4.17.

Syracuse, N. Y., May 14, 1908.

You may notify Holstein readers that Mr. A. L. Brockway's bid of $2,000 secured the King Segius calf advertised by me to be sold to the highest bidder.

C. S. AVERILL.

As we go to press we learn that J. T. Howell & Son, Howells Depot, N. Y., have purchased 32 head of selected H.-F. cattle from J. N. Conyngham, proprietor of Hillside, Spring Brook and Orchard Farms, Wilkesbarre, Pa.

Prof. C. L. Beach, for a year past at the head of the dairy department at the Vermont Experiment Station, Burlington, has been elected president of the Connecticut Agricultural College at Storrs. Prof. Beach was formery at the head of the dairy department at Storrs, and is the author of the famous Bulletin No. 31, "The Food Value of a Pound of Milk Solids."

The Twenty-third Annual Meeting of the Holstein-Friesian Association of America will be held at the New Courthouse, Syracuse, New York, on Wednesday, June 3, 1908, at 10 o'clock a. m. Following the meeting, on the 4th and 5th of June the Breeders' Consignment Company will hold their tenth Public Sale of Holstein-Friesian cattle. One hundred and sixty head, many with the choicest breeding and high official records, will be offered.

The latest electrical invention is known as the "Acousticon." The most important feature of this instrument seems to be the "microphone," which is a device for magnifying sound. It is said that by the aid of this device, when fitted to the transmitter of a telephone, ordinary tones of voice anywhere in a room may be transmitted with great distinctness very long distances. For the benefit of deaf people portable acousteons are manufactured. These consist of a transmitter and ear piece with a battery connection that may be carried in the pocket. These are said to be much more convenient and efficient than the ordinary ear trumpets and speaking tubes in common use.

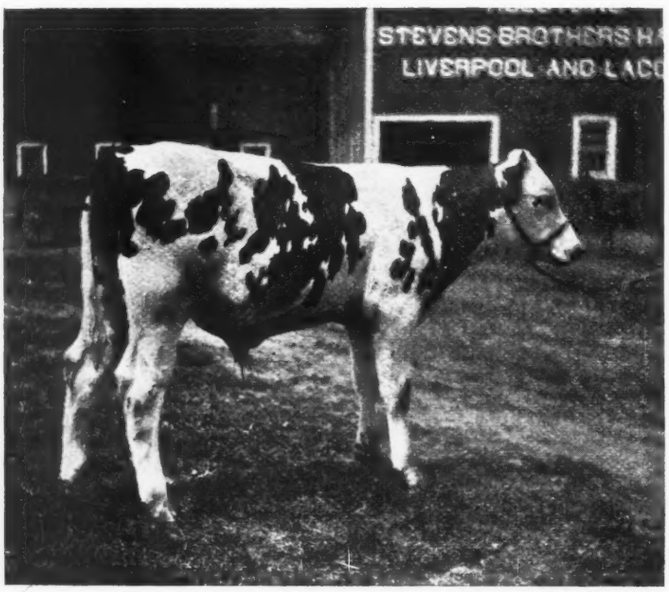
Professor H. H. Wing, of Cornell Agricultural College has representatives superintending tests as follows: F. A. Chase, G. F. Carter, Syracuse; H. S. Williams, J. W. Dimick, Rifton; J. M. Evans, Isaac Dalrymple, Otselic; A. C. Spencer, H. S. Gordon, Kerhonksen; L. L. Devereaux, W. H. Grenell, Pierrepont Manor; J. B. Horn, W. A. Carr, Tully; W. H. Lyon, Richard Hicks, Auburn; F. H. Ryan, H. Stevens & Son, Lacona; C. S. Thompson, H. L. Low,

TWO COWS BRED AND RAISED AT FAIRVIEW FARM.
At right, Pietertje Princess Leo 3d, No. 78153. A. R. O. record, 24.03 lbs. butter in 7 days with second calf at 3 yrs. 6 mo. 16 ds. At left, her 3-4 sister, DeKol Albirce, No. 68560, A. R. O. record, 24.55 lbs. butter in 7 days at 5 yrs. 24 ds. O. J. Godfrew & Co., owners, Pennellville, N. Y.

Wallkill; E. B. Anderson, T. A. Mitchell, Weedsport; W. C. Truckell, C. F. Hunt, Oran; C. W. Newell, M. S. Nye, Preble; F. E. Bailey, Jas. Potter, Cassville; W. E. Thompson, Stevens Bros.-H. Co., Liverpool; Henry Truckell, Stevens Bros.-H. Co. & Mead, Lacona; H. C. Collins, H. A. Moyer, Syracuse.

The case of James F. Foreman, superintendent of the poor farm at Delhi, has been cited as an argument against the validity of the claim that bovine tuberculosis is transmitted to the human being through her milk used as food. It is related that when Mr. Foreman two years ago became superintendent of the farm he had the herd, consisting of 30 head, tested with tuberculine, and they were reported free from disease. Last January they were tested again and all found to be tuberculous. They were taken to Albany and slaughtered. From a cow which the autopsy showed had a bad case of generalized tuberculosis Mr. Foreman had been getting milk for his children for almost two years. None of his children show any evidence of having contracted tuberculosis, but are among the healthiest, most vigorous and prettiest children of Delaware county.

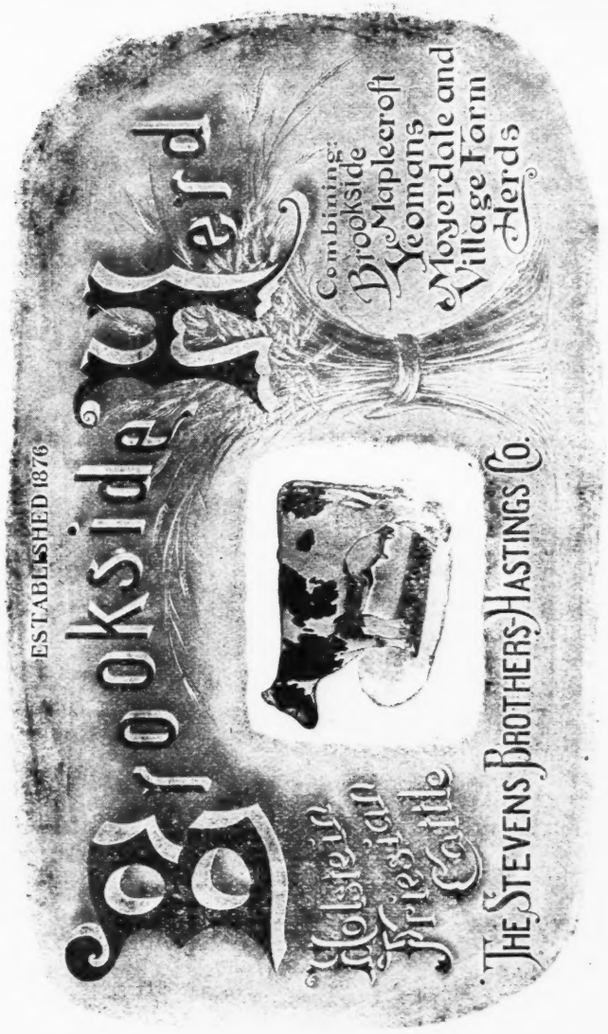
The official report of tests published in this issue of the World adds six cows to our 20-lb. list and two to our 80-lb. list. They are as follows: Inka Princess Mutual De Kol, 65425, owner, T. R. Fries, West Newton, Pa., at 5 y. 7 m. 15 d., produced 674.1 lbs. milk, 22.810 lbs. fat in 7 days; Johanna Netherland De Kol, 58492, owner, W. L. Keyes, Deerfield, N. Y., at 6 y. 11 m. 17 d., produced 665.3 lbs. milk, 21.334 lbs. fat in 7 days; Pledge Spofford, 64915, owner, E. H. Knapp & Son, Fabius, N. Y., at 5 y. 1 m. 28 d., produced 611.4 lbs. milk, 21.313 lbs. fat in 7 days and 2,550.9 lbs. milk, 88.837 lbs. fat in 30 days; Ida Lyons 2d, 68516, owner, E. A. Powell, Syracuse, N. Y., at 4 y. 11 m. 5 d., produced 636.3 lbs. milk, 23.298 lbs. fat in 7 days and 2,655.2 lbs. milk, 93.688 lbs. fat in 30 days; Kekke Spofford, 72344, owner, E. H. Knapp & Son, Fabius, N. Y., at 4 y. 9 m. 3 d., produced 543.7 lbs. milk, 20.151 lbs. fat in 7 days. This report brings the lists up to 159 and 84, respectively.



KING PONTIAC HENGERVELD, BORN NOV. 28, 1907. Sire, King of the Pontiacs, No. 39037. Dam, Pontiac Hesseltje Hengerveld, No. 54332. A. R. O. record, 541 lbs. milk, 21.29 lbs. (80 per cent.) butter in 7 days, 2,227.8 lbs. milk, 88.21 lbs. butter in 30 days. Her 30-day test was not commenced until she had been in milk 53 days. She carries 100 per cent. the same blood as the three wonderful sisters, Pontiac Summer Hesseltje, Pontiac Columbo and Pontiac Pyrraha, whose combined records average 26.64 lbs. each. Owned by The Stevens Brotehrs-Hastings Company, Livpool, N. Y.

Consul Mason Mitchell, describing the border land between China and Thibet, says: "A large trade is done here in rhubarb and musk, the latter taken from the small hornless deer plentiful in this part of China. Of the exports of this district musk is the most valuable, the pree of the medium quality being thirteen times its weight in silver. The product is obtained from a sack-like gland in the abdomen It is carefully dried and sewn in small bags, called musk pods, of one ounce each, made from the skin of the animal. The musk deer of Northwestern China is an allied species and is only found at an elevation of over 8,000 feet. It stands about 20 inches at the shoulder, but its chief characteristic is the absence of antlers n both sexes. The males have tusks protruding from the lower jaw to a length of 3 inches. The species is known as the Moschus sifanicus."

The official report of tests from April 23 to May 2d also published in this issue adds 18 cows to our 20-lb. list and 12 to our 80-lb. list. They are as follows: Johanna Colantha 2d, 60991, owner, W. J. Gillett, Rosendale, Wis., at 5y. 11m. 15d., produced 523.9 lbs. milk, 26.309 lbs. fat in 7 days and 2,497.7 lbs. milk, 107.740 lbs. fat in 30 days; Ladoga DeKol Pauline, 59486, owner, John M. Howard, Sherburne, N. Y., at 6y. 11m. 23d., produced 526.9 lbs. milk, 24,639 lbs. fat in 7 days; Pontiac Agnes, 65756, owner, E. H. Dollar, Heuvelton, N. Y., at 5y. 4m. 3d., produced 493.3 lbs. milk, 23.198 lbs. fat in 7 days and 2,050.8 lbs. milk, 91.639 lbs. fat in 30 days; Belle Pietertje of Oneida, 52783, owner, J. H. Patrick, Mexico, N. Y., at 7y. 10m. 28d., produced 2,520.8 lbs. milk, 92.362 lbs. fat in 30 days (previously reported in the 20-lb. list); Cleopatra Gelsche, 61510, owner, H. A. Moyer, Syracuse, N. Y., at 6y. 5m. 5d., produced 2,437.7 lbs. milk, 89.674 lbs fat in 30 days (previously reported in 20-lb. list); Mona Pauline DeKol, 59487, owner, John M. Howard, Sherburne, N. Y., at 6y. 11m. 15d., produced 488.7 lbs. milk, 21.746 lbs. fat in 7 days; Pauline DeKol Pride, 53183, owner, T. A. Mitchell, Weedsport, N. Y., at 9y. 8m. 26d., produced 508.6 lbs. milk, 21.470 lbs. fat in 7 days and 2,103.0 lbs. milk, 89,294 lbs. fat in 30 days; Rooney Belle 2d, 64334, owner T. A. Mitchell, at 5y. 1m. 23d., produced 567.8 lbs. milk, 21.374 lbs. fat in 7 days and 2,528.3 lbs. milk, 86.547 lbs. fat in 30 days; Pietertje Pledge Princess 48346, owner, W. A. Matteson, Utica, N. Y., at 9y. 3m. 3d., produced 501.1 lbs. milk, 21.044 lbs. fat in 7 days; Nannette 3d's Pledge 2d, 39518, owner, T. A. Mitchell, at 13y. 0m. 10d., produced 494.5 lbs. milk, 20.600 lbs. fat in 7 days; Idyl Paul, 61918, owner, Frank Backman, Weedsport, N. Y., at 5y. 9m. 19d., produced 538.0 lbs. milk, 20.589 lbs. fat in 7 days and 2,191.1 lbs. milk, 82.756 lbs. fat in 30 days; Prilly Princess, 42752, owner, H. A. Moyer, at 10y. 10m. 23d., produced 391.1 lbs. milk, 20.100 lbs. fat in 7 days; Johanna de Colantha 52253, owner, W. J. Gillett, at 7y. 10m. 22d., produced 2,242.3 lbs. milk, 83.260 lbs. fat in 30 days; Lady Korndyke Pauline DeKol, 69174, owner, E. H. Dollar, at 4y. 11m. 2d., produced 547.3 lbs. milk, 23.315 lbs. fat in 7 days and 2,219.7 lbs. milk, 92.227 lbs. fat in 30



Liverpool, N. Y., May 15, 1908.

To Whom It May Concern:

In some of our earlier letters we have tried to tell the story of the three wonderful sisters, Pontiac Summer Hesseltje, Pontiac Columbo, and Pontiac Pyrrha, but it looks as though the tale can be continued as long as any one of the three survives, because all are of the sort that may be depended on to keep going. Pontiac Pyrrha now has an A. R. O. record of 613.5 lbs. milk, 26.86 lbs. (80 per cent.) butter in 7 days, and 2,592.8 lbs. milk, 112.06 lbs. butter in 30 days; best day's milk, 99.6 lbs. This record, it will be recalled was made with her second calf, and only shortly after a very serious illness commencing with milk fever and continuing with other resulting complications. We had hoped to have better success with Pontiac Columbo, but much to our disappointment she too was taken with milk fever, and has otherwise suffered in a manner very similar to her sister. She has, however, made an A. R. O. record of 29.86 lbs. butter in 7 days, which gives the three full sisters an average of 26.64 lbs. each. Considering the very unfavorable conditions under which all these records were made, we can only regard them as phenomenal. It is evident that under like circumstances, cows of ordinary capacity and average vitality would have made no records at all; and it is impossible to predict the limit for these sisters when tested under more favorable conditions. We have still the bull calf from Pontiac Pyrrha, sired by King of the Pontiacs, and bull calves by the same sire, from Pontiac Calypso (28.43 lbs. A. R. O.) who is a 3-4 sister to the three, and Pontiac Hesseltje Hengerveld (21¼ lbs. A. R. O.) who carries 100 per cent. of the same blood as the three sisters. The young bull from Pontiac Hesseltje Hengerveld, we believe, is destined to become one of the great Kings of the breed. His picture appears on another page in this issue.

Very truly,

THE STEVENS BROS.-HASTINGS CO.

days; Zerma Pietertje DeKol, 65727, owner, J. W. Dimick, Rifton, N. Y., at 4y. 9m. 10d., produced 412.1 lbs. milk, 21.408 lbs. fat in 7 days; DeKol Queen La Polka 2d, 72325, owner, Clayton Sisson, Sherbourne, N. Y., at 4y. 6m. 2d., produced 568.1 lbs. milk, 21.305 lbs. fat in 7 days; Butter Boy Princess Wayne, 72449, owner, W. A. Waite & Son, Adams, N. Y., at 4y. 3m. 21d., produced 613.9 lbs. milk, 22.463 lbs. fat in 7 days and 2,483.3 lbs. milk, 91.780 lbs. fat in 30 days; Pontiac Pet, 69710, owner, E. H. Dollar, at 4y. 4m. 2d., produced 485.6 lbs. milk, 21.843 lbs. fat in 7 days and 2,018.3 lbs. milk, 89,644 lbs. fat in 30 days; Paul Beets DeKol Girl, 78382, owner, H. A. Moyer, at 4y. 5m. 9d., produced 499.5 lbs. milk, 21.474 lbs. fat in 7 days and 2,130.1 lbs. milk, 88.404 lbs. fat in 30 days; Minnie Johanna DeKol, 69693, owner, T. A. Mitchell, at 4y. 22m. 27d., produced 488.9 lbs. milk, 21.045 lbs. fat in 7 days and 2,131.5 lbs. milk, 84.507 lbs. fat in 30 days. In our last report we counted Abby Hartog Clothilde, which was an error as she is an old member of the 20-lb. list. This report brings out lists up to 176 and 96 respectively.

NUGGETS.

Do goats give buttermilk?

They even dock Ocean Greyhounds.

Things the World would like to know: If "the full dinner pail will be the political slogan the coming election campaign?

What steps the government is taking towards the collection of that $29,000,000 Standard Oil fine?

If Orchard will be the next United State Senator from Idaho?

Inclosed find money order for $1.00. Please send Holstein-Friesian World for another year. It's "O. K."—Jas. R. Thompson, Hudson, Ia.

We appreciate your untiring efforts in behalf of Holstein-Friesian breeders, and consider your paper one of the most interesting that comes to our table.—John M. Howard, Sherburne, N. Y.

Paraguay, S. A., has but a single line of railway. It runs southeasterly from Asuncion to Pirapo, a distance of 155 miles.

LEILA PIETERTJE DUKE NO. 44933

Sire, Leila Pietertje Prince De Kol, sire of 2 A. R. O. daughters.

G. Sire, De Dol 2d's Paul De Kol Prince, sire of 16 A. R. O. daughters.

G. Dam, Leila Pietertje, 27 lbs. 5 oz. of butter 7 days.
This cow and her full sister average 26 lbs. 1-2 oz. butter 7 days, A. R. O.

Leila Pietertje Duke No. 44933, for Sale or Rent.

Born July 4, 1906.

Dam, Leila Pietertje, 27 lbs. 5 oz. butter 7 days, A. R. O. Dam of 3 A. R. O. daughters.

G. Sire, Inka's Pietertje Duke, sire of 13 A. R. O. daughters, 5 from 20 to 27 lbs. each.

G. Dam, Witkop 2d's Susie Aaggie Leila, dam of 2 A. R. O. daughters that average 26 lbs. 1-2 oz. butter each.

Geo. T. McNeil, . . . Theresa, New York

Breeders' Bulletin Board.

CLARK FARM.

W. W. Cheney writes: I have just made a sale of a daughter of De Kol Burke to Mr. Fred Dixon of Auburn, N. Y. The breeding on this heifer is excellent and she already has a fine record for her age. She is bound to make a great cow.

HYGEIA FARM.

Crozet, Va., May 15, '08.

Editor H.-F. World:

I take pleasure in announcing to the readers of the World the sale of Hygeia Veeman Butter Boy to the State Agricultural College of Virginia. At the beginning of the present school year many changes were made in the faculty of the Institute. Noted men from other institutions of learnng were drafted to fill vacancies in the staff of the V. P. I.

For several years Dr. Paul B. Barringer was chairman of the faculty of the University of Virginia, which office, there being no president, was virtually the executve head of the University. Accepting the unanimous call, he assumed the duties of president of V. P. I., and is bending all the force of his wonderful intellect and executive power toward placing the college on a higher intellectual plane than ever before, to increase its power for good, and to lift Virginia from the agricultural rut into which she has been rapidly falling. He is ably supported by a very efficient corps of professors and instructors. Dr. Walter J. Quick as dean and professor of agriculture comes to his position particularly well prepared to give to the institution the results of long years of careful preparation in several of our best institutions of learning, and those of Germany. Supplementing this is his extensive practical experience in teaching the subjects properly coming under his department.

Prof. Wm. D. Saunders has for several years ably filled the position of dairyman of the college. He has recently been appointed by the Governor to the office of Dairy and Food Commissioner of the State. We trust that the new duties will not necessitate the severing of his connection with the V. P. I.

The management of the college, realizing the importance of the dairy industry to the State, has determined to give it the attention and prominence that it deserves. With this end in view they started out last fall to procure the best young bull in the market to put at the head of the college Holstein herd. No pains or expense were spared to make their choice the right one, for they believed that they could best serve the agricultural interests of the State by demonstrating what the best dairy cattle could do and at the same time create a source from which pure bred sires of high quality could be drawn for the private herds of the State.

Choice was finally made of Hygeia Veeman Butter Boy, son of Jessie Veeman A. (26.25 lbs.), and by De Kol 2d's Butter Boy 3d. To nine out of ten of the readers of the World this breeding needs no explanation, but for the tenth person I would like to say just a word. Jessie Veeman A. is the dam of six daughters in the Advanced Registry, a record held by no other cow, having made 26 lbs. of butter or more in a week in official test. She has been termed by the best judges a perfect type of a dairy cow, and her progeny resembles her greatly in conformation and productive ability. She was first prize and champon cow at the New York State Fair in 1904, and the following year her oldest daughter took her place and won the same honors, while four of her daughters shown in pairs won the first and the second prizes as produce of one cow, an event unparalleled in the history of the Fair. Butter Boy 3rd is one of the best sons of De Kol 2d. He has over 56 A. R. O. daughters, one of which has a record of 29.4 lbs. He was a son of Netherland Hengerveld (26.66), ex-champion of the world. De Kol 2nd (26.58 lbs.), is the mother of sons that have produced over 160 A. R. O. cows and "the end is not yet." Some day we may be able to measure the influence that this wonderful cow has had on the breed, but as long as her sons are still living we must expect large producing granddaughters to be born to De Kol 2nd.

Because of the long lines of unbroken excellence back of this young bull Dr. Barringer and Dr. Quick decided that he was the one and the best one to put at the head of the college herd. They have decided wisely, for this bull, crossed on the college herd, already strong in the De Kol, Artis, Clothilde and Netherland strains, must produce stock which increased and developed through the years to come will place Virginia where she ought to be—in the front rank of dairy States.

With kind regards, I am

Yours very truly,

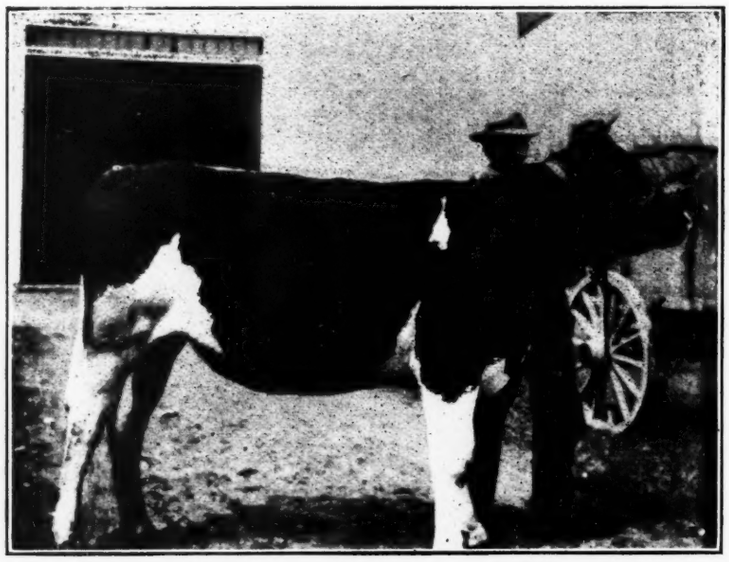
J. B. LOOMIS, Supt.

Hard work is good and wholesome, past all doubt;

But 'taint so ef the mind gits tuckered out. —Lowell.

A NEW BREED OF CATTLE IN FRANCE.

Consul Dominic I. Murphy, of Bordeaux, furnishes the following information relative to the dary productivity of the "Bordelaise," a new breed of cattle developed in the French department of the Gironde: "The milk of the Bordelaise cow holds middle place in quantity between the Holland and Breton varieties, from which the breed has been developed. While giving somewhat less than the former, the milk is of richer quality, having as great a proportion of butter fat as the Breton, sometimes as high as 41 grams per liter (1.057 quarts), analyses showing the average butter fat in the milk of the Bordelaise to be 36.65 grams per liter, the milk of the Holland cows averaging only 32.66 grams. The average milk production of a Bordelaise cow is from 12 to 15 liters (12.7 to 15.8 quarts) per day."



FRIESLAND MAID TETJE, NO. 85955.

This young imported cow is one that cannot fail to please any good judge. She is consigned and will be sold in the Breeders' Consignment Sale Company's Sale, June 4-5th 1908. F. P. Knowles, Auburn, Mass.

Don't stop paper, as I need it in my "biz." Inclosed find $3.50—three dollars for a five-year subscription and fifty cents for a friend.—L. L. Herrington, Chardon, Ohio.

Bull Calf 5 Months Old for Sale

Sired by Woodcrest Nig DeKol, he, by Hengerveld DeKol and Allie Nig, with a record of 25.493. Dam, Crary Hengerveld Burke with a record of 20.35.

Davis Brothers, Fulton, N. Y.

In writing to advertisers mention the WORLD.

Breeders' Sales Agency

A. STONE, Gen. Mgr. *Binghamton, N. Y.*

A Bureau of Information Established for the Benefit of the Breeder with Stock For Sale, and for the Man in the Market to Buy.

A FAIR FIELD AND NO FAVORS

Holstein-Friesian Breeders,

United States, North America.

Gentlemen:

Here is a new proposition for your consideration. The Breeders' Sales Agency is being established for your benefit. It is no fancy scheme. It is a bureau of information where every breeder, free of charge, registers his herd and such individuals as he has to offer for sale. And it is where any breeder or party wishing to buy stock can get, free of charge, just such information as he may desire regarding any individual, family or line of breeding in any locality thus saving to himself time, trouble and traveling expenses and securing information which can be gotten in no other way.

The plan is as follows:—we send to every breeder a blank designed to give such information in regard to his herd as will be most instructive to us, which is to be filled out and returned. These are all classified as to states etc., indexed and filed. Thus forming a fairly accurate directory not alone of the breeders but of their herds. Furthermore we list in the same way on especially prepared blanks such individvals as a breeder may have for sale.

This stock is advertised through our business advertisements and in answer to inquiries we describe just such stock as most nearly meets the requirements of the inquirer, giving full and complete descriptions together with extended pedigrees when desired. Thus we do all your office work, advertise your stock, answer your inquiries, compile your pedigrees; in fact, do all the work incident to making a sale and send you a customer ready to buy if the stock prove satisfactory on inspection. We sell your stock but you handle the cash. You allow us a small commission on sales only.

Read this letter over carefully, then think it over carefully and write us your opinion. If the Agency oppears to you to have a place in the Holstein-Friesian busness, then give it your hearty support. It is for the benefit of the breeders, but naturally can be of use to them only in so far as they avail themselves of its opportunities. It is a good thing, therefore, give us a trial.

Trusting that we may hear from you all by early mail, we remain,

Very truly yours,

BREEDERS' SALE AGENCY,

A. STONE, Gen. Mgr.

HOLSTEIN-FRIESIAN WORLD

A Journal for the Holstein Friesian, the Dairyman and the General Farmer. Entered at the Ithaca (N. Y.) Postoffice as second class mail matter.

Issued the 8th and 22nd of every month.

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DAIRY INDUSTRY.
H. A. HOPPER, M. S....Purdue Univ., Ind.

THE STUDY TABLE.
SOLOMON HOXIE.....Ithaca, N. Y.

INFECTIOUS DISEASES OF CATTLE.
V. A. MOORE. B.S., M.D., Cornell Vet. College

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When a subscriber wishes his subscription discontinued he should notify this office.

Approved cuts of meritorious Holstein-Friesian Animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

Advertising rates sent on application.

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Special Offer The Holstein-Friesian World will be sent anywhere in the United States one entire year, as a trial subscription, for 50 cents, paid in advance. To all other points the regular $1.00 rate will prevail. So long as this offer is published any subscriber will be credited four months on his subscription, or his herd will be published for four months in the Breeders' Directory, for every new subscription sent in, accompanied by the price as per above.

Editorials.

Those A. J. C. C. Resolutions. Elsewhere in this paper we print the resolutions passed by the Executive Committee and Board of Directors of the A. J. C. C. at their annual meeting, May 6, in regard to the somewhat famous Dawley case. The resolutions as printed were taken from the Country Gentleman where they appeared without editorial comment. (We mention, "without editorial comment," merely incidentally and not because of any particular significance.)

This case is not one of those that is concealed under a bushel, but it has had wide publicity and has attracted interest from all breeders of live stock, and from the general public as well. It not only shows how easy it is to be dishonest, but how difficult it may be to run a fraud to earth. When a man in affluent circumstances, highly respected and the holder of an important and responsible state office, stoops to such dishonorable dealings, it tends not alone to destroy all business confidence, but, to weaken faith in humanity.

These resolutions show not only that the State Breeders' Association was too hasty in its action, but that the governor was too dilatory. When charges are preferred by responsible parties, influence and position should not serve to shield any public officer from a thorough investigation. If innocent, no harm can come from investigation; if guilty, only harm can arise from retaining such a one in office.

We take great pleasure in congratulating the Rural New Yorker in this apparent complete vindication of its action in the matter. It has insisted that the whitewash of the first investigation should all be rubbed off and the fraud exposed in its disgusting offensiveness,—and this was right. That such things should occur is extremely regrettable, but that they may be exposed restores something of confidence. Long live the Rural New-Yorker!

HOW MAJESTIC THY TIDES!

How majestic thy tides, O Ocean old,
That back from our shores for ages have rolled!
How grand are thy waves that the winds in fierce moods
Have heaped mountain-high in turbulent floods!
What mighty pulsations have throbbed in thy breast!
What frightful upheavals have broken they rest!
What secrets are hid in thy submarine hold,
That time though eternal may never unfold!

But the sphere of man's brain is an Ocean more wide,
With storms of fierce passions, with ebb and flood tide;
With billows of anger that surge in the blood;
With waves of desire that roll like a flood!—
The depths of try waters, the thoughts they conceal,
Can never be fathomed, time will not reveal.—
Whirlpool of ambition, Ground-swell of control,
Thy waves of hot impulse forever will roll!

—C. G. Brown.

NEW ADVERTISEMENTS.

Three choice young Holstein-Friesian cows due to freshen in June for sale at Hillside Stock Farm. See ad of Stanton Osterhout.

That yearling from a 21-lb. dam and the son of a world champion, offered by F. W. Adams, ought to be a good one. Better write him about this.

A son of Mercedes Julip's Pietertje's Paul and backed by good results for three generations on dam's side, of H. M. Lyon & Son, Wyalusing, Pa.

Wooderest Nig De Kol and Crary Hengerveld Burke—those names sound good together. The calf offered by Davis Brothers, Fulton, N. Y., must have been the result of a good nick. Write them about it.

That ad of H. A. Moyer's reads like a romance, doesn't it? It's a plain statement of facts. While Mr. Moyer has got the goods, honesty compels him to state that he has got only two sons of King Segis left that are old enough for service.

That young Pontiac bull, King Pontiac Hengerved, shown in this issue and offered for sale by the Stevens Bros.-Hastngs Company for quality of breeding and A. R. O. backing is hard to beat. See what they say about him in their advertisement.

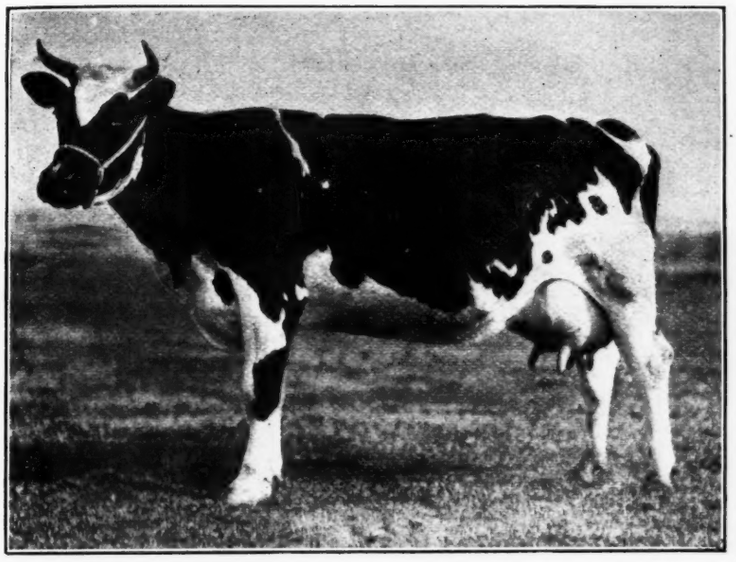
Hygeia Pontiac Pietertje, out of Pontiac Calypso's Son, whose dam and sire's dam average 28.15, and Joe Bach Josephine, with a record of 23.82, is offered by Hygeia Herd, Crozet, Va. He should find a quick sale. Address J. B. Loomis, Superintendent.

A. Stone, for several years the confidential assistant of E. A. Powell at Lakeside Stock Farms, has started a new enterprise which should mean much to Holstein-Friesian breeders. Mr. Stone is a graduate of Cornell University and a young man of marked business ability. Read his announcement.

SUMMARY OF OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS FROM APRIL 5TH TO APRIL 22ND, 1908.

Unless otherwise mentioned, these records are for a period of seven consecutive days. They are made under the careful supervision of State Agricultural Colleges and Experiment Stations, and their accuracy is vouched for by them; no private records are reported by the Holstein-Friesian Association.

During the period from April 5th to April 22nd, 1908, records for 151 cows were accepted. Of these 151 records five were extended to fourteen days, one to fifteen days and thirteen to thirty days. The averages by ages were as follows:



COMEDIA JOHANNA, NO. 62308.

She is one of the best daughters of Johanna Rue 3d's Lad. She has just made a very nice record and when in condition can do much better. She is one of the best individuals that I ever had in Bloomingdale herd. Very attractive in appearance and has an udder that any breeder would be pleased to have on his best cow. Her sire is one of the best Johanna bulls of the breed.

It is not very often that this kind is placed in a public sale ring, although she is consigned and will be sold in the Breeders' Consignment Sale Company's Sale, June 4-5th, 1908.

Forty full aged cows averaged: age, 6 years, 7 months, 26 days; days from calving, 25; milk, 468.6 lbs.; per cent. fat, 3.38; fat, 15.822 lbs. Eleven senior four-year-olds averaged: age, 4 years, 9 months, 1 day; days from calving, 16; milk, 497.9 lbs.; per cent. fat, 3.40; fat, 16.932 lbs. Twelve junior 4-year-olds averaged: age, 4 years, 2 months ,29 days; days from calving, 19; milk, 433.7 lbs.; per cent. fat, 3.38; fat, 14.677 lbs. Fifteen senior three-year-olds averaged: age, 3 years, 9 months, 9 days; days from calving, 27; milk, 385.7 lbs.; per cent. fat, 3.51; fat, 13.526 lbs. Nineteen junior three-year-olds averaged: age, 3 years, 1 month, 28 days; days from calving, 29; milk, 369 lbs.; per cent. fat, 3.49; fat, 12.861 lbs. Sixteen senior two-year-olds averaged: age, 2 years, 10 months, 23 days; days from calving, 17; milk, 360.3 lbs.; per cent. fat, 3.51; fat, 12.653 lbs. Thirty-eight junior two-year-olds averaged: age, 2 years, 1 month, 21 days; days from calving, 34; milk, 299.3 lbs.; per cent. fat, 3.48; fat, 10.423 lbs.

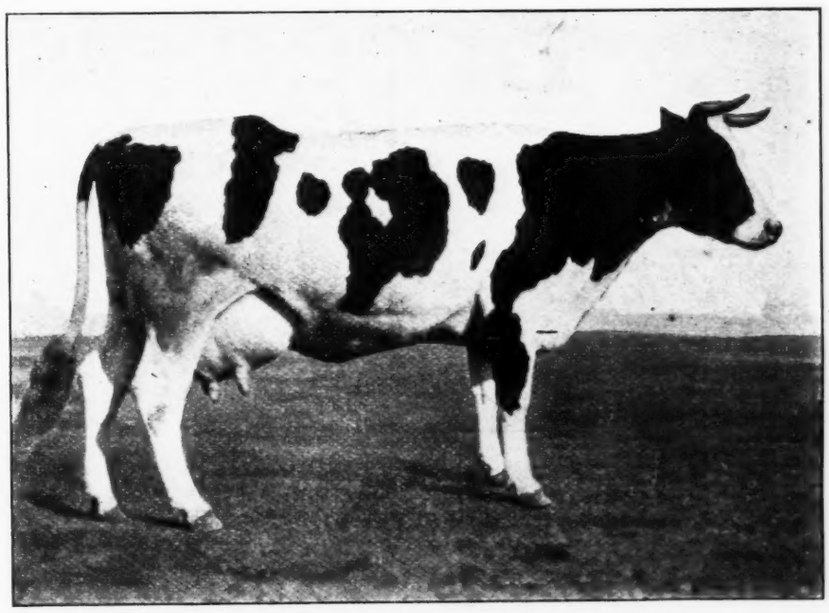
This herd of 151 animals of all ages, of which nearly one-half were heifers with first or second calves, produced in seven consecutive days 59,362.6 lbs. of milk, containing 2,041.029 lbs. of butter fat, thus showing an average of 3.44 per cent. fat. The average yield for each animal was 393.1 lbs. of milk containing 13.451 lbs. of butter fat, equivalent to 56.1 lbs., or 27 quarts of milk per day, and 15.7 lbs. of the best commercial butter per week.

The place of highest honor among the full aged cows in this issue of the official reports is held by Inka Princess Mutual De Kol, 22.81 lbs. fat from 674.1 lbs. milk. The owner of this cow wrote to this office to know if any other man, in making his first effort, had ever exceeded this amount of fat; and we replied that, to the best of our knowledge, no one had, and that he might safely claim to lead the procession of novices in official test work. So much interest was taken in this test in Pennsylvania that Prof. Van Norman himself visited the farm to see that all was going right. This is the third instance this winter where an inexperienced owner has tested officially, and found that he had a cow that could exceed 21 lbs. butter fat, which goes to show that there is a goodly store of great Holstein Friesian cows in the hands of those who are just waking up to the importance of the official test.

Great records are made by Johanna Netherland De Kol, 21.354 lbs. fat from 665.3 lbs. milk, and Pleuge Spofford, 21.313 lbs. fat from 611.4 lbs. milk in 7 days, 88.837 lbs. fat from 2,550.9 lbs. milk in 30 days, while good records are shown by Jewel Aaggie Wayne, 19.655 lbs. fat from 621.7 lbs. milk; Zoldusky De Kol Queen, 19.297 lbs. fat from 517.1 lbs. milk, and Janie Netherland De Kol, 19.177 lbs. fat from 549.1 lbs. milk. Becky Black 2nd, Princess De Kol Spofford and Oasis Pietertje Hijlaard produce above 18 lbs. fat and gain honorable mention.

The head of the whole list in this issue is held by the senior four-year-old Ida Lyons 2d, with the great record of 23.298 lbs. fat from 636.3 lbs. milk in 7 days, 93.688 lbs. fat from 2,655.2 lbs. milk in 30 days, and the second place among the senior four-year-olds by Kekke Spofford, 20.151 lbs. fat from 543.7 lbs. milk. Tina Clay De Kol Johanna and Nora Roschild De Kol 2nd are both above 18 lbs. fat. Among the junior four-year-olds Neta Paul's De Kol 2nd is far in the lead with a record of 20.212 lbs. fat from 540.1 lbs. milk, while Lrie Hamilton and Yankee De Kol de Yong are not far apart, with 17.068 lbs. fat and 16.763 lbs. respectively.

The great record of Katy Spofford



GRACE FAYNE 2ND'S HOMESTEAD, NO. 68828.

At 4 yrs. 11 ds. old. Butter 7 days, 29.16; Average Fat, 4.20; Butter 30 Days, 119.28; Average Fat, 4.08.

The above two records are world's records of 1907 for a Junior 4-Year-Old.

This cow this year as a 5-Year-Old has entered the 30-lb. list. Butter 7 Days, 30.53; Average Fat, 4.01; Butter 30 Days, 126.70; Average Fat, 4.01.

It should also be noticed that we have had but very few cows of the breed that have made four equally as large records within 1 yr. and 6 ds. and all of them averaging over 4 per cent. butter fat. Owned and made at Moyerdale, Syracuse, N. Y.

Twill be no use,
To make excuse;
So come along,
And join the throng
At Syracuse.

Tenth Pu

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160 Head Pu

Holstein Fre

SYRACUSE,

JUNE 45

Breeders' Consignm

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Catalogues Ready May 25

CLEVELAND & COMPANY,

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Don't be a goose,
But just cut loose;
Attend the sale,
And do not fail,
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Best Individuals

Best Breeding

Best Producers

Moyerdale Herd of High Class Holstein-Friesian Cattle.

KING SEGIS NO. 36168 AT THE HEAD OF THE HERD

THE KING OF ALL SIRES at 4 years of age and the ONLY SIRE of the breed that has three 20 lb. junior 2-year-old daughters.

THE ONLY SIRE OF THE BREED whose first 5 daughters as junior two-year-olds have records that will average greater than 19 lbs. each.

THE FOUR GREATEST 30 lb. RECORD COWS OF THE BREED owned by one breeder.

THE FOUR GREATEST 30 lb. RECORD COWS OF THE BREED made by one breeder as follows:

Betty Lyons Netherland,	butter	7	days	34.07
Blanche Lyons De Kol,	"	7	"	33.31
Segis Aaggie De Kol Beets,	"	7	"	32.06
Grace Fayne 2nd's Homestead,	"	7	"	30.63

THE ONLY HERD OF THE BREED that has made two 29 lb. junior 4-year-olds and five 20 lb. 2-year olds.

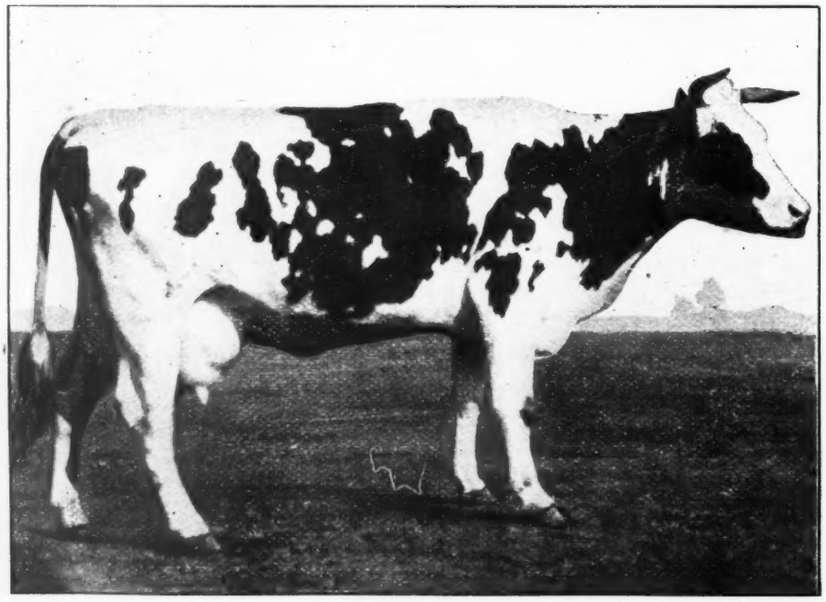
TWO SONS OF KING SEGIS old enough for service, for sale and a a few bull calves by King Segis for sale, not one-half enough to supply the demand.

H. A. Moyer, Syracuse, N. Y. - James Gillette, Supt.

Corona, that for seven years stood first in the Junior Three-year Class, has for the second time this year been broken; Pietentje Maid Ormsby, 20.936 lbs. fat from 500.5 lbs. milk in 7 days, 86.266 lbs. fat from 2,067.8 lbs. milk in 30 days, sharing that honor. It will be noted that her run was very even, the average per cent. fat for the 7-day record being 4.18, and that for the 30-day 4.17. The Superintendent is pleased to be able to report that this heifer, as well as her direct female ancestry for four generations, was bred by him, and was one of the calves sold when he disposed of his herd. Linden Netherland Waldorf, 15.292 lbs. fat from 440.9 lbs. milk, makes a good record for the age.

The senior two-year-olds show two animals above 16 lbs. fat, namely, Pet King Neta 3rd, 16.253 lbs. fat from 423.5 lbs. milk, and Wayne De Kol Butter Maid, 16.084 lbs. fat from 422.9 lbs. milk in 7 days, 66.027 lbs. fat from 1,779.7 lbs. milk in 30 days; while Lady Princess Beets, 15.751 lbs. fat from 489.1 lbs. milk in 7 days, 62.344 lbs. fat from 1,985.5 lbs. milk in 30 days, is not far behind. Among the junior two-year-olds, Eva De Kol Burke 2nd, 16.438 lbs. fat from 352.7 lbs. milk, leads, gaining sixth place in her class, and the right to claim the largest production of butter fat of any heifer of her age or younger. Tula Spofford, 14.532 lbs. fa from 313.3 lbs. milk, and Belle Von milk, gain places in the 14-lb. class, Etten, 14.08 lbs. fat from 376.2 lbs. while Sylva Burke Johanna Rue shows the fine record of 13.107 lbs. fat from 369.2 lbs. milk. Gypsy De Kol Ybma Spofford, Ophelia Sanesta Pauline, Queen Segis and Korndyke Beauty Theia produce above 12 lbs. fat and gain honorable mention.

M. H. GARDNER, Supt. A. R.



AAGGIE LILLY PIETERTJE PAUL, No. 74073.
At 4 Yrs. 2 Mo. 20 Ds. old has made the World's record of 29.36 lbs. of Butter, Average Fat, 3.98.
Owned and made at Moyerdale, Syracuse, N. Y.

FROM APRIL 23RD TO MAY 2ND, 1908.

During the period from April 23rd to May 2nd, 1908, records for 160 cows were accepted. Of these 160 records four were extended to fourteen days, one to fifteen days and twenty-four to thirty days. The averages by ages were as follows:

Forty-eight full aged cows averaged: age, 7 years, 1 month, 26 days; days from calving, 15; milk, 485.2 lbs.; per cent. fat, 3.89; fat, 18.857 lbs. Ten senior four-year-olds averaged: age, 4 years, 10 months, 9 days; days from calving, 15; milk, 471.2 lbs.; per cent. fat, 3.93; fat, 18.519 lbs. Fourteen junior four-year-olds averaged: age, 4 years, 2 months, 29 days; days from calving, 13; milk, 448.7 lbs.; per cent. fat, 3.80; fat, 17.031 lbs. Fourteen senior three-year-olds averaged: age, 3 years, 9 months, 18 days; days from calving, 25; milk, 404.2 lbs.; per cent. fat, 3.49; fat, 14.119 lbs. Seventeen junior three-year-olds averaged: age, 3 years, 2 months, 11 days; days from calving, 20; milk, 379 lbs.; per cent. fat, 3.60; fat, 13.658 lbs. Fourteen senior two-year-olds averaged: age, 2 years, 10 months, 4 days; days from calving, 14; milk, 360.4 lbs.; per cent. fat, 3.54; fat, 12.743 lbs. Forty-three junior two-year-olds averaged: age, 2 years, 1 month, 19 days; days from calving, 28; milk, 313.7 lbs.; per cent. fat 3.60; fat, 11.28 lbs.

This herd of 160 animals of all ages, of which nearly one-half were heifers with first or second calves, produced in seven consecutive days 64,916.6 lbs. of milk containing 2,422.045 lbs. of butter fat, thus showing an average of 3.73 per cent. fat. The average yield for each animal was 405.7 lbs. of milk containing 15.138 lbs. of butter fat, equivalent to 58 lbs. or 28 quarts of milk per day, and 17.66 lbs. of the best commercial

Notice to the Holstein-Friesian Breeders of America:--

I expect by April 1, 1908 to have in my possession the $4,000.00 son of the $8,000.00 Rag Apple Pontiac Cow, born June 11, 1907. This is the *only* male in the world who has the blood of three dams in his loins that average almost 32 lbs. of butter each in 7 days, comprising all the greatest butter producing families of the breed, and unless sold (as I have no herd) I will sell his services at a price that any breeder can breed a head to his herd, at a cost of $100.00 or less, "whose equal would cost from $500.00 to $2,500.00 to purchase." Send for terms and pedigree. :-: :-: :-:

THE YATES — **C. S. AVERILL,** — **SYRACUSE, N. Y.**

BULLS OF HIGH DEGREE

While you are looking for a bull to head your herd why not give a passing glance at the LAKELAND HERD, the headquarters of the descendants of PIETERIJE HENGERVELD'S COUNT DE KOL, the greatest of them all for he is the sire of two 30 pound daughters, has 26 with records of over 20 lbs. and SEVENTY-ONE or MORE in all that have official tests.

I have other well bred things to offer of different breeding. Get my pedigrees and prices on BULLS before you buy or you will miss it, for I have a grand lot both in individuality and breeding.

Write to me or come and see the herd for yourself.

WING R SMITH, - Wieting Block, Syracuse, N. Y.

Old Home A. R. O. Holstein Friesians

Bull calves from dams with 20½ and 21 lbs. of butter A. R. O. at 4 years old. Sire's dam 26 lbs.—senior 4 years old. Price low.

E. S. ROBINSON, FORESTVILLE, N. Y.

FOR SALE—HOLSTEIN BULL CALVES

Sired by LORD NETHERLAND DE KOL, BARON NETHERLAND DE KOL and LORD NETHERLAND COUNT DE KOL at reasonable prices. Correspondence solicited. Photograph of calf furnished if desired.

SAMUEL J. TILDEN, Proprietor

BURNE-MEADE FARM — **NEW LEBANON, N. Y.**

PONTIAC KORNDYKE

is the sire of the highest priced A. R. O. cow ever sold. He is also the sire of the dam of the highest priced bull calf of the breed ever sold. His daughters made 19 official records during the official year ending May 15 last, that show an average per cent of fat over 4.1. No other bull of the breed ever equalled this in one year. We still have a few bull calves sired by him for sale.

One is out of Lady Irine of Woodlawn, 23 lbs. butter in 7 days. She just won the butter test at Ogdensburg Fair, making almost 5 pounds butter in two days over 4 months after freshening.

St. Lawrence Co. — **E. H. DOLLAR** — **Heuvelton, N. Y**

FAIRVIEW FARMS

FOR SALE OR RENT---BERYL WAYNE DE KOL PAUL B., 40140, 2 YEARS OLD

Grandam on Sire's Side, the Great Beryl Wayne, A. R. O. 27.14

DAM, COLSON CLOVER DE KOL, 10 lbs. 11 oz. of butter, as a yearling; GRANDAM, COLSON CLOVER, 14 lbs. 12 oz. of butter, at 3 years, 114 days after freshening. The dam and grandam sold at the Consignment Sale, Oct. 24, 1906, for $210 and $240 respectively, to C. L. Roberts of Basking Ridge, N. J. He is a fine individual and a bully good bull. We have no use for him now, if you have, write to

JAS. P. BROWN, Norwich, N. Y., R D. 4

Official Records of Holstein-Friesian Cows

151 Cows **From April 5, to April 22, 1908.**

NAME OF COW AND OWNER.	Age y. m. d.	Days from Calving.	Consecutive Days.	Milk, lbs.	Average per cent. fat.	Butter fat lbs.
Inka Princess Mutual DeKol, 65425, T. R. Fries	5 7 15	20	7	674.1	3.38	22.810
Johanna Netherland DeKol, 58492, W. L. Keyes	6 11 17	22	7	665.3	3.21	21.334
Pledge Spofford, 64915, E. H. Knapp & Son	5 1 28	33	7	611.4	3.49	21.313
	5 1 28	15	30	2,550.9	3.48	88.837
Jewel Aaggie Wayne, 57978, D. P. Honeywell	6 9 17	27	7	621.7	3.16	19.655
	6 9 17	19	15	1,278.0	3.11	39.776
Zoldusky DeKol Queen, 52153, J. B. Irwin	8 7 16	50	7	517.1	3.73	19.297
	8 7 16	28	30	2,149.3	3.64	78.215
Janie Netherland DeKol, 63981, E. J. Tefft	5 9 23	13	7	549.1	3.49	19.177
Becky Black 2d, 68642, E. P. Gregory	6 11 3	17	7	521.9	3.49	18.215
Princess DeKol Spofford, 64910, E. H. Knapp & Son	5 1 29	12	7	481.1	3.76	18.069
Oasis Pietertje Hijlaard, 67244, J. A. Fuggle	5 2 23	13	7	605.6	2.98	18.008
Pontiac Hesseltje, 47773, Eastern Michigan Asylum	9 1 26	15	7	510.6	3.45	17.604
Gerster Ida DeKol, 68979, Wing R. Smith	5 0 0	7	7	447.0	3.93	17.562
Reine Mercedes, 52897, H. L. Bronson	8 7 0	8	7	391.4	4.39	17.172
Ophelia Jane 2d, 49177, J. A. Stanton	9 0 20	30	7	524.9	3.23	16.955
Upland Pietertje DeKol, 67958, D. P. Honeywell	5 1 7	4	7	420.1	3.99	16.778
Pietertje Parthenea DeKol, 64160, University of Illinois	6 0 7	19	7	492.0	3.37	16.559
	6 0 7	13	30	1,997.5	3.31	66.158
Tirania Yankee 3d, 58268, E. S. Robinson	7 0 28	41	7	466.2	3.54	16.523
Lieuwkje Pauline DeKol, 53516, J. A. Stanton	8 2 9	9	7	442.6	3.70	16.390
Maple Ridge Lady, 60994, H. F. Mayne	6 0 8	4	7	428.8	3.66	15.685
Glenview Netherland Pietertje 2d, 62854, S. S. Cramer	6 1 7	19	7	525.0	2.96	15.553
Hillcrest Empress Josephine, 66597, Harry Cook	5 8 19	43	7	551.2	2.81	15.495
Volodi Clothide, 55090, University of Illinois	7 4 16	19	7	455.2	3.37	15.363
	7 4 16	16	30	1,989.9	3.25	64.630
Clothilde Artis Beauty 3d, 76742, Bradley Fuller	5 0 3	5	7	376.0	4.06	15.261
Kalma DeKol Pauline, 60493, H. G. Whitney	5 9 28	26	7	420.6	3.53	14.830
Raphaela DeKol, 63344, T. A. Page	5 11 15	45	7	453.3	3.24	14.670
Pietertje Inka Hamilton, 60971, W. H. Hughes	6 1 23	11	7	436.3	3.33	14.520
Handy Queen Jane, 67951, Michigan Agricultural College	5 1 3	20	7	377.0	3.84	14.488
Josephine Lucy Nundine 3d, 65281, J. W. Osborn	5 4 26	45	7	493.3	2.84	13.994
Paula of Chagrin Falls, 55075, J. V. Shugart	7 11 6	16	7	469.1	2.97	13.915
Queen of Sugar St., 52136, H. F. Mayne	8 5 17	7	7	516.2	2.70	13.912
Ovidia Hamilton, 82489, W. H. Hughes	5 3 27	18	7	386.6	3.49	13.490
Daisy Pietertje Netherland, 51936, H. L. Bronson	8 1 6	7	7	339.1	3.95	13.383
Montgomery Vernon DeKol, 60467, H. S. Gordon	6 7 10	10	7	385.1	3.44	13.248
Diran Echo Constantia Colantha, 63594, J. C. Smith	5 6 2	60	7	462.5	2.83	13.069
Gwendoline Rose, 72144, E. P. Kregory	5 11 28	46	7	361.7	3.59	12.997
Houwtje Maid Colantha, 65583, Michigan Agricultural College	5 0 14	31	7	326.5	3.92	12.814
Daisy Lamb DeKol B., 53238, Bradley Fuller	8 2 1	9	7	420.0	3.04	12.778
Josephine Blanche Rauwerd, 85486, J. V. Saugart	6 10 24	13	7	374.4	3.40	12.720
Queen of Lena 2d, 57150, H. F. Mayne	7 5 20	6	7	416.7	3.05	12.711
Vendetta Echo, 48170, J. C. Smith	9 7 3	160	7	433.3	2.85	12.368
Lady Thorla, 60011, T. A. Sage	9 11 5	28	7	395.7	3.08	12.181
Ida Lyons 2d, 68516, E. A. Powell	4 11 5	11	7	636.3	3.50	23.298
	4 11 5	6	30	2,655.2	3.53	93.688
Kekke Spofford, 72344, E. H. Knapp & Son	4 9 3	10	7	543.7	3.71	20.151
Tina Clay DeKol Johanna, 68542, University of Illinois	4 6 25	15	7	541.0	3.41	18.453
	4 6 25	8	30	2,216.7	3.40	75.396
Nora Roschild DeKol 2d, 72199, J. A. Stanton	4 7 23	14	7	507.9	3.35	18.099
	4 7 23	14	14	1,006.0	3.52	35.419
Aaggie Lelia DeKol Esther, 67545, W. H. Grenell	4 11 24	13	7	469.6	3.81	17.907
	4 11 24	8	14	943.3	3.69	34.849
Copia Onyx DeKol, 69998, A. W. Brown	4 10 10	18	7	511.9	3.34	17.106
Natoye DeKol 4th, 66365, F. W. Ames	4 9 5	18	7	425.8	3.26	15.900
Silver Gloss Burke, 69559, F. W. Scott	4 11 25	21	7	508.0	2.88	14.649
Woodside Colantha, 68902, J. B. Marcou	4 8 13	9	7	433.9	3.32	14.417
	4 8 13	6	14	489.0	3.17	26.937
Veeman Clothilde Johanna Rue, 68543, University of Illinois	4 6 17	22	7	496.3	2.70	13.408
	4 6 17	13	30	2,090.7	2.63	55.050
Johanna McGee, 68813, B. W. Potter & Son	4 6 12	22	7	402.5	3.20	12.865
Neta Paul's DeKol 2d, 66916, E. A. Powell	4 4 26	9	7	540.1	3.74	20.212
Lorie Hamilton, 68103, J. A. Fuggle	4 2 1	19	7	504.4	3.38	17.068
Yankee De Kol de Yong 2d, 74207, E. S. Robinson	4 0 15	16	7	411.1	4.08	16.763
Mechthilde Kaan Marie DeKol, 67796, J. B. Irwin	4 4 10	17	7	515.5	3.00	15.487
	4 4 10	16	30	2,224.0	2.82	62.735
Valeria Korndyke Lady, 72961, W. H. Grenell	4 2 17	12	7	397.5	3.57	14.206
Neta DeKol, 67289, H. G. Whitney	4 3 15	43	7	419.7	3.34	14.000
Tirania Yankee 2d's Maid, 74205, E. S. Robinson	4 1 24	16	7	383.8	3.53	13.553
Aaggie Korndyke Wayne DeKol Lady, 69920, W. H. Grenell	4 1 3	9	7	398.7	3.39	13.535
Skylark Johanna DeKol, 73476, J. B. Irwin	4 2 28	14	7	442.8	3.02	13.356
Clothilde Stella Netherland, 73903, H. A. Prescott	4 2 26	26	7	390.9	3.33	13.007
Coral DeKol Korndyke Lady, 72966, W. H. Grenell	4 3 24	11	7	310.0	4.07	12.636

Pietertje Johanna Rue DeKol, 68540, University of Illinois..	4 5 11	39	7	489.8	2.51	51.340
	4 5 11	19	30	2,029.5	2.53	51.340
Lavera Hortensia Baron, 82410, J. A. Stanton	3 11 0	18	7	485.9	3.65	17.756
	3 11 0	**14**	**14**	**988.7**	**3.48**	**34.392**
Fanny Johanna DeKol, 75629, E. H. Knapp & Son.....	3 10 19	20	7	437.0	3.78	16.536
Pietertje DeKol Netherland Magic, 71774, Estate of W. Judson Smith	3 9 7	17	7	390.8	3.75	14.671
Belle of Buckeye Duchess, 87347, J. A. Stanton.....	3 11 8	8	7	333.6	4.39	14.656
Farmstead Lass, 75763, Bradley Fuller.....	3 11 14	8	7	368.4	3.88	14.285
Manor Rosalind Cora, 77088, W. H. Grenell.....	3 9 23	14	7	393.3	3.63	14.272
Lady Akkrum DeKol Burke, 72697, F. W. Scott.....	3 8 1	19	7	424.7	3.32	14.099
Triple Johanna DeKol, 76423, E. H. Knapp & Son.....	3 9 4	48	7	365.5	3.77	13.788
DeKol Lass of Hill Crest, 86,986, Walter B. Whitlock.....	3 7 5	18	7	384.7	3.51	13.602
Aaggie Beets of Burlington, 77291, H. F. Mayne.....	3 9 4	11	7	395.4	3.33	13.181
Lady Pietertje Rue, 77536, University of Illinois.....	3 6 22	22	7	431.7	2.89	12.795
	3 6 22	20	30	1,878.1	2.78	52.257
Heilo Aaggie Diploma 2d, 70387, H. G. Ruesink.....	3 10 13	161	7	321.9	3.66	11.793
Peachey Belle, 77203, L. L. Herrington.....	3 9 3	23	7	370.1	2.97	11.000
Dastata 77258, Leland Stanford, Jr., University.....	3 10 28	14	7	354.2	2.98	10.571
Almeda Burke DeKol, 74052, F. W. Ames.....	3 6 6	9	7	328.6	3.01	9.879
Pietertje Maid Ormsby, 78051, J. B. Irwin.....	3 3 13	22	7	500.5	4.18	20.936
	3 3 13	12	30	2,067.8	4.17	86.266
Linden Netherland Woldorf, 74563, F. N. Watkins.....	3 1 26	9	7	440.9	3.47	15.292
Johanna Rue Agnes, 77535, University of Illinois.....	3 3 8	9	7	459.7	3.10	14.259
Hope of DeKol, 75628, E. H. Knapp & Son.....	3 5 20	176	7	381.5	3.60	13.738
Nigger Girl Korndyke, 81091, E. S. Robinson.....	3 0 15	6	7	345.3	3.89	13.431
Yanka Johanna DeKol, 83421, E. H. Knapp & Son.....	3 0 10	10	7	323.6	4.09	13.237
Pontiac Aspasia, 79899, Eastern Michigan Asylum.....	3 2 14	14	7	364.3	3.61	13.167
Belle Korndyke Susie Pietertje Inka, 76413, W. H. Grenell	3 1 0	9	7	341.4	3.82	13.058
Salo Canary Mercedes 79396, H. C. Hemingway.....	3 0 1	12	7	308.1	4.22	13.016
Segis Pietertje Piebe, 79029, A. W. Brown.....	3 2 19	65	7	398.1	3.24	12.917
Belle Korndyke Dora Dean Mondamin, 76411, W. H. Grenell..	3 0 1	14	7	377.8	3.37	12.745
Grace De Kol Cornucopia, 82627, A. W. Brown.....	3 0 18	21	7	462.1	2.72	12.572
Eider Pansy Nudine 2d, 81228, J. V. Shugart.....	3 0 17	7	7	384.2	3.08	11.829
Susie Yanko DeKol, 81156, E. H. Knapp & Son.....	3 1 5	39	7	351.8	3.36	11.817
Mulvie Posch De Kol, 73890, H. G. Whitney.....	3 2 24	35	7	309.7	3.66	11.329
De Koletta, 74295, H. G. Whitney.....	3 1 14	33	7	272.9	3.97	10.828
Aaggie Queen De Kol Beets, 79556, H. F. Mayne.....	3 4 14	11	7	302.0	3.40	10.277
Uneeda Johanna De Kol, 81155, E. H. Knapp & Son.....	3 2 9	36	7	325.2	3.14	10.206
Laurainka, 77242, Leland Stanford, Jr., University.....	3 2 12	24	7	361.1	2.69	9.710
Pet King Neta 3d, 78493, E. A. Powell.....	2 11 16	7	7	423.5	3.84	16.253
Wayne De Kol Butter Maid, 81369, E. A. Powell.....	2 11 11	15	7	422.9	3.80	16.084
	2 11 11	5	30	1,779.7	3.71	66.027
Lady Princess Beets, 83340, The F. F. Field Holstein Co.....	2 8 15	30	7	489.1	3.22	15.751
	2 8 15	10	30	1,985.5	3.14	62.344
Copia Piebe, 82625, A. W. Brown.....	2 9 19	10	7	442.5	3.38	14.936
Belle Korndyke Aaggie Grace, 76415, W. H. Grenell.....	2 11 14	10	7	392.7	3.77	14.823
De Kol Alban De Kol Countess, 81372, E. A. Powell.....	2 11 7	21	7	416.6	3.38	14.081
King Karl Lady De Kol, 82439, J. A. Stanton.....	2 10 15	7	7	382.6	3.56	13.632
	2 10 15	8	14	786.6	3.31	26.005
Korndyke Inka Palawan, 79225, W. H. Grenell.....	2 11 15	17	7	340.9	3.81	12.991
Belle Korndyke Coral De Kol, 76414, W. H. Grenell.....	2 11 17	15	7	333.6	3.78	12.613
Manor Rosalind Belle Korndyke, 81271, W. H. Grenell.....	2 10 22	17	7	367.7	3.13	11.525
Rozenia De Kol Zozo, 84036, Walter B. Whitlock.....	2 11 21	15	7	328.7	3.28	10.796
Mercedes Aaggie Mechthilde, 82693, F. W. Scott.....	2 11 14	12	7	288.0	3.62	10.415
Belle Nudine De Kol 3d, 82845, J. B. Irwin.....	2 10 3	26	7	305.6	3.37	10.291
Catrina Pietertje Cornucopia, 82629, A. W. Brown.....	2 11 17	39	7	333.9	3.05	10.183
Queen of De Kols, 86065, J. D. Hagan.....	2 9 2	27	7	235.0	4.01	9.419
Franskje Netherland De Kol, 83423, E. H. Knapp & Son.....	2 10 15	10	7	262.	3.30	8.658
Eva De Kol Burke 2d, 84515, E. A. Powell.....	2 0 15	5	7	352.7	4.66	16.438
Tula Spofford, 86782, E. H. Knapp & Son.....	2 3 11	9	7	313.3	4.64	14.532
Belle Von Etten, 87379, H. C. Hemingway.....	2 2 27	20	7	376.2	3.74	14.080
Sylva Burke Johanna Rue, 88120, W. F. Scott.....	2 3 23	14	7	369.2	3.55	13.107
Gypsy De Kol Ybma Spofford, 86785, E. H. Knapp & Son....	2 3 10	15	7	342.9	3.75	12.859
Ophelia Sanesta Pauline, 84979, Wing R. Smith.....	2 2 9	9	7	366.2	3.39	12.424
Queen Segis, 89003, Ralph J. Stevens.....	2 1 26	26	7	349.0	3.47	12.122
Korndyke Beauty Theia, 86152, F. W. Scott.....	2 0 15	19	7	294.0	4.12	12.100
Sunshine Belle, 83532, F. R. McMahon.....	2 0 6	21	7	321.1	3.75	11.936
Pontiac Josephine Pauline, 87879, Eastern Michigan Asylum.	2 3 15	28	7	349.4	3.37	11.774
Jessie De Kol Piebe, 84316, H. G. Ruesink.....	2 3 14	15	7	324.2	3.60	11.659
Aaggie Cornucopia Johanna Lass, 81350, F. W. Scott.....	2 5 15	30	7	370.5	3.10	11.490
Aaggie Cornucopia Beets, 88534, A. W. Brown.....	2 0 17	31	7	363.9	3.05	11.087
Lady Queen Almeda, 91204, H. F. Mayne.....	2 0 15	28	7	342.2	3.21	10.970
Jessie Princess De Kol Burke, 90714, E. J. Tefft.....	2 0 18	7	7	302.3	3.60	10.895
Lady Shadeland De Kol Johanna, 89408, E. H. Knapp & Son.	2 1 3	47	7	316.1	3.38	10.689
Pontiac Maid, 89272, Eastern Michigan Asylum.....	2 3 21	28	7	265.4	3.97	10.569
Flossie Hartog 2d's Johanna, 93449, F. H. Thompson & Son..	1 11 5	25	7	326.7	3.15	10.279
Alcantra Polkadot of Riverside, 86506, T. R. Fries.....	2 1 2	15	7	247.9	4.11	10.193
Lake View Lily, 88967, Walter B. Whitlock.....	2 3 21	20	7	337.3	2.87	9.672
Beryl Barrington Wayne De Kol, 87794, W. L. Keyes.....	2 1 5	124	7	247.7	3.88	9.616
Josie Glendola De Kol, 88132, E .H. Knapp & Son.....	2 1 20	81	7	287.4	3.33	9.573
Pontiac Helena Burke, 88777, Eastern Michigan Asylum.....	2 2 8	25	7	272.0	3.42	9.292
Tirania Yankee De Kol 2d, 89540, E. S. Robinson.....	2 0 27	22	7	268.2	3.49	9.363
Tirania Yankee 5th's Korndyke Queen, 89536, E. S. Robinson	2 0 18	23	7	294.4	3.15	9.273
Hengerveld Creamelle De Kol, 81871, J. B. Marcou.....	2 1 21	32	7	290.9	3.19	9.270
Easle Groton 5th's Canary, 89619, J. B. Irwin.....	2 1 5	11	7	298.2	3.10	9.250
Manor Pietertje Korndyke, 91247, W. H. Grenell.....	1 11 21	17	7	247.9	3.73	9.239
Quoque Clothilde Beets Wayne, 83991, H. G. Ruesink.....	1 11 16	37	7	290.9	3.15	9.171
Wilhelma Beryl, 91948, W. L. Keyes.....	2 0 16	40	7	235.7	3.74	8.816

Portage Pauline Paul Wayne, 81569, J. W. Osborne	2 4 15	282	7	248.0	3.47	8.575
Pontiac Jennie, 88782, Eastern Michigan Asylum	2 0 24	20	7	239.6	3.49	8.359
Jessie De Kol Johanna Korndyke, 92872, F. H. Thomson & Son	1 11 27	18	7	239.6	3.49	8.355
Sadie Vale Princess Star, 86139, Walter B. Whitlock	2 3 27	20	7	254.0	3.27	8.311
Theresa Houwtje, 83468, H. G. Ruesink	2 0 22	15	7	254.9	3.16	8.056
Genesta Mechthilde 2d, 80875, W. B. Whitlock	2 3 9	23	7	296.8	2.66	7.908
Edgelake Zubrod, 84348, B. W. Potter & Son	2 1 2	44	7	267.4	2.78	7.435
Edgeyake Pride Colantha, 84346, B. W. Potter & Son	1 11 11	54	7	220.3	3.34	7.349

Important to Owners of Holstein-Friesian Cows.

The Superintendent of Advanced Registry rules as follows: No owner of any cow, whose record has been or may be entered in competition for any prize-money that has been or may be appropriated for any given official year, shall hereafter be allowed to enter another record of that cow, made during the same period of lactation, in competition for any prize-money that may be appropriated for any succeedng offical year, unless the record so offered for entry shall have been wholly made within the official year for which the said prize-money may be appropriated.

Delavan, Wis., May 5th, 1908. MALCOLM H. GARDNER, Supt. of Advanced Registry.

160 Cows **From April 23 to May 3, 1908.**

Blanche Lyons De Kol, 60549, H. A. Moyer	6 2 19	6	7	608.8	4.38	26.650
	6 2 19	4	30	2,723.8	4.38	26.650
Johanna Colantha 2d, 60991, W. J. Gillett	5 11 15	4	7	523.9	5.02	26.309
	5 1 15	4	30	2,497.7	4.31	107.740
Ladoga De Kol Pauline, 59486, John M. Howard	6 11 23	9	7	526.9	4.68	24.639
Grace Fayne 2d's Homestead, 68828, H. A. Moyer	5 0 19	16	7	558.6	4.37	24.440
	5 0 19	6	30	2,526.7	4.01	101.364
Pontiac Agnes, 65756, E. H. Dollar	5 4 3	25	7	493.3	4.70	23.198
	5 4 3	6	30	2,050.8	4.47	91.639
A. & G. Inka McKinley, 55163, H. A. Moyer	7 5 24	10	7	596.6	3.89	23.188
Belle Pietertje of Oneida, 52783, J. H. Partrick	7 10 28	25	7	593.2	3.81	22,600
	7 10 28	19	30	2,520.8	3.66	92.362
Cleopatra Gelsche, 61510, H. A. Moyer	6 5 5	4	7	486.8	4.61	22.422
	6 5 5	4	30	2,437.7	3.68	89.674
Isabella Clothilde Walker, 64855, H. A. Moyer	5 4 16	8	7	549.4	4.03	22.124
Mona Pauline De Kol, 59487, John M. Howard	6 11 15	14	7	488.7	4.45	21.746
Pauline De Kol Pride, 53183, T. A. Mitchell	9 8 26	23	7	508.6	4.22	21.470
	9 8 26	13	30	2,103.0	4.25	89.294
Rooney Belle 2d, 64334, T. A. Mitchell	5 1 23	10	7	567.8	3.76	21.374
	5 1 23	4	30	2,528.3	3.42	86.547
Pietertje Pledge Princess, 48346, W. A. Matteson	9 3 3	12	7	501.1	4.20	21.044
Nannette 3d's Pledge 2d, 39518, T. A. Mitchell	13 0 10	8	7	494.5	4.[illegible]	20.600
Idyl Paul, 61918, Frank Backman	5 9 19	22	7	537.0	3.84	20.589
	5 9 19	10	30	2,191.1	3.78	82.756
Prilly Princess, 42752, H. A. Moyer	10 10 23	5	7	369.1	5.45	20.100
Ama Aconeth Houwtje, 54466, J. W. Dimick	7 10 28	8	7	512.5	3.89	19.942
Johanná De Colantha, 52253, W. J. Gillett	7 10 22	49	7	537.8	3.71	19.931
	7 10 22	27	30	2,242.3	3.71	83.260
Gypsy Queen Clothilde, 51401, H. A. Moyer	8 11 16	24	7	539.7	3.69	19.924
Norine 2d's Mechthilde, 60901, H. S. Gordon	8 5 13	13	7	520.5	3.81	19.826
	8 5 13	5	30	2,018.3	3.85	77.657
De Kol Albiree, 68560, O. J. Godfrey	5 0 24	5	7	501.8	3.91	19.641
Ridgeway De Kol, 57653, E. H. Dollar	6 9 17	19	7	466.0	4.12	19.213
Wandagelsche 2d B, 67829, J. W. Dimick	5 2 8	8	7	490.2	3.91	19.143
Creamelle Topsy, 64668, W. A. Matteson	5 8 11	12	7	543.0	3.50	18.992
Colantha Pietertje, 53800, E. H. Dollar	7 9 29	16	7	544.0	3.46	18.819
Zernia Jacobs Sethje De Kol Paul, 64736, Quentin McAdam	5 10 5	18	7	629.8	2.94	18.528
Ladoga Idaline 2d, 67259, John M. Howard	5 4 15	7	7	388.0	4.63	17.955
Bobby Juliette, 65970, J. W. Dimick	8 11 22	5	7	425.8	4.16	17.726
Yankee De Kol de Yong, 54144, E. S. Robinson	8 0 26	25	7	477.4	3.71	17.703
Segis De Kol Beets, 59955, H. A. Moyer	7 0 0	5	7	396.8	4.42	17.555
De Goede De Kol, 51067, Jacob Todd, Jr	9 0 0	14	7	417.0	4.20	17.512
Nancy De Kol Pauline, 64287, John M. Howard	5 11 22	6	7	473.4	3.64	17.231
Sylva Netherland Mercedes, 67389, Harrington Sisters	5 4 23	6	7	419.6	4.10	17.199
Prescott De Kol, 45112, G. A. Gilroy	10 4 28	26	7	467.0	3.55	16.582
Duchess Kit, 43483, Jacob Todd, Jr	11 2 22	15	7	436.1	3.72	16.232
Yankee De Kol Countess, 62742, James Phelen	5 11 22	18	7	471.5	3.42	16.130
Lily Netherland De Kol Beets, 54788, H. A. Moyer	7 4 9	18	7	467.0	3.43	16.035
Starkey Maid De Kol, 68596, Geo. T. McNeil	5 0 17	31	7	41[illegible].2	3.82	15.803
Pontiac Aesula, 61107, E. H. Dollar	6 1 23	20	7	396.2	3.94	15.627
Belle Aaggie Clothilde, 54199, A. A. Cortelyou	7 3 24	21	7	489.2	3.19	15.587
Aaggie Clothilde of Sennett, 56245, A. L. Brockway	7 9 8	6	7	404.6	3.85	15.557
Charm De Kol, 61716, J. W. Dimick	5 8 2	23	7	485.9	3.17	15.380
Sjoukje 3d, 70864, H. D. Crossman	6 1 18	9	7	424.5	3.46	14.683
Starucca Von Harlingen 6th, 61004, Jacob Todd, Jr	6 5 13	15	7	450.0	3.24	14.600
Wittekind Beauty 2d, 52994, E. J. Tefft	8 5 19	15	7	495.6	2.94	14.541
Peggy Zanea, 64558, James Phelan	5 0 19	4	7	430.4	3.09	13.281
Luit 2d, 70879, H. D. Crossman	6 11 16	24	7	429.6	3.07	13.201
Qleen Jewel De Kol, 72612, Congregation of the Mission St. Vincent De Paul	6 10 13	12	7	338.6	3.71	12.568
Betta Lyons Netherland, 69247, H. A. Moyer	4 10 4	5	7	618.3	4.42	27.257
	4 10 4	5	30	2,602.4	3.82	99.495
Lady Korndyke Pauline De Kol, 69174, E. H. Dollar	4 11 2	9	7	547.3	4.08	23.315
	4 11 2	6	30	2,219.7	4.15	92.227
Zerma Pietertje De Kol, 65727, J. W. Dimick	4 9 10	4	7	412.1	5.19	21.408
De Kol Queen La Polka 2d, 72325, Clayton Sisson	4 6 2	4	7	568.1	3.75	21.305
Tirania Yankee 5th, 68204, E. S. Robinson	4 11 22	12	7	543.0	3.29	17.841
Leila Pietertje 2d, 68590, Geo. T. McNeil	4 10 13	26	7	529.4	3.08	16.280
Empress Mercedes Keyes 2d, 66848, Quentin McAdam	4 10 18	10	7	508.1	3.18	16.134
Peg Mechthilde Countess 64559, James Phelan	4 11 14	27	7	442.7	3.48	15.402
Madrigal Abbekerk, 65874, A. L. Williams	4 11 26	6	7	348.6	3.96	13.698

Wietske Hengerveld De Kol Pauline, 68592, Geo. T. McNeil..	4 10 4	27	7	394.4	3.18	12.546
Butter Boy Princess Wayne, 72449, W. A. Waite & Son.....	4 3 21	25	7	613.9	3.66	22.463
	4 3 21	9	30	2,483.3	3.70	91.780
Pontiac Pet, 69710, E. H. Dollar.....	4 4 2	24	7	485.6	4.50	21.843
	4 4 2	13	30	2,018.3	4.44	89.644
Paul Beets De Kol Girl, 78382, H. A. Moyer.....	4 5 9	13	7	499.5	4.30	21.474
	4 5 9	8	30	2,130.1	4.15	88.404
Minnie Johanna De Ko, 69693, T. A. Mitchell.....	4 2 27	8	7	489.9	4.30	21.045
	4 2 27	4	30	2,131.5	3.96	84.507
Karuka De Kol Lina 3d, 71907, Herbert J. Kershaw.....	4 1 6	10	7	406.3	4.53	18.421
Pet King Neta 2d, 73647, E. A. Powell.....	4 0 22	7	7	444.0	4.02	17.853
Paul De Kol Pride of Home, 73921, John M. Howard.....	4 2 9	8	7	426.0	4.00	17.056
Alta Hartog De Kol, 69931, J. W. Dimick.....	4 0 12	8	7	474.7	3.30	15.643
Tulip Pietertje 3d, 73608, Geo. T. McNeil.....	4 4 22	5	7	390.2	3.87	15.101
Mercedes Ladoga Idaline, 73511, John M. Howard.....	4 3 13	12	7	403.0	3.58	14.413
Daisy Hartog De Kol, 80476, W. A. Waite & Son.....	4 3 18	7	7	432.0	3.33	14.400
De Goede De Kol Clothilde, 74335, L. E. Connell.....	4 2 4	13	7	435.5	3.20	13.940
Melanie Beryl Wayne, 75042, O. J. Godfrey.....	4 2 0	25	7	371.9	3.40	12.654
Pledge Emporia De Kol, 72484, Jacob Todd, Jr.....	4 4 29	13	7	409.0	2.97	12.130
Pietertje Princess Leo 3d, 78153, O. J. Godfrey.....	3 6 16	37	7	593.7	3.24	19.223
Lilith Ingalls, 74369, H. A. Moyer.....	3 11 12	16	7	476.1	3.99	18.979
Baroness Mona Pauline, 75703, John M. Howard.....	3 11 28	8	7	460.8	3.93	18.129
Pontiac Mabel Korndyke, 75236, E. H. Dollar.....	3 9 13	18	7	338.5	4.57	15.457
Kiatta Mercedes De Kol, 75158, O. J. Godfrey.....	3 11 28	13	7	456.0	3.34	15.216
Alcartra Ormsby, 70441, H. A. Moyer.....	3 10 19	14	7	378.3	3.88	14.666
Lefa May, 72170, James Phelan.....	3 10 21	37	7	378.0	3.87	14.625
Clelia Pauline De Kol, 73556, Geo. F. Blewer.....	3 11 9	8	7	402.3	3.21	12.914
Mercedes Julip Maggie, 77721, H. L. Bronson.....	3 6 4	7	7	381.4	3.27	12.487
Bertha De Kol Merdu, 73500, J. H. Mead & Son.....	3 11 7	8	7	409.5	2.96	12.128
Clelia Pauline, 73558, Geo. F. Blewer.....	3 10 20	28	7	392.6	2.98	11.713
Peerles Edgely Girl 2d's Maud, 76592, Geo. T. McNeil.....	3 7 8	55	7	738.8	3.39	11.486
Idene Genesta Netherland, 78987, Geo. F. Blewer.....	3 6 9	25	7	393.4	2.63	10.337
Pauline Colantha Twisk, 101117, L. E. Connell.....	3 9 1	75	7	260.0	3.96	10.303
Segis Beets De Kol Salo, 75520, H. A. Moyer.....	3 4 2	11	7	499.4	3.71	18.523
Pauline Burke Ormsby De Kol, 80188, W. A. Waite & Son....	3 0 16	28	7	559.2	3.15	17.609
	3 0 16	20	30	2,349.6	3.16	74.174
Aaltje Salo Netherland Mechthilde, 78488, J. Rust.....	3 1 28	17	7	478.6	3.56	17.029
Lady Netherland Sandes Oakhurst, 85002, A. L. Brockway...	3 5 18	17	7	392.0	4.31	16.892
	3 5 18	9	14	780.1	4.26	33.200
Whittaker Colantha Girl, 92480, E. H. Dollar.....	3 0 27	8	7	376.1	4.33	16.296
Nellie Wooderest, 80994, H. S. Gordon.....	3 1 12	17	7	430.8	3.52	15.171
	3 1 12	10	14	804.5	3.67	29.505
Pauline Pietertje Hengerveld De Kol, 78205, J. H. Mead....	3 4 17	15	7	407.1	3.65	14.888
Queen Cantrilla De Kol, 80300, H. S. Gordon.....	3 4 3	4	7	362.9	4.09	14.853
Aaggie of Lynfeld Countess De Kol, 80946, J. W. Dimick....	3 2 10	10	7	352.7	4.20	14.806
Pietertje Mechthilde De Kol Netherland, 96525, J. D. Hagan..	3 1 22	33	7	411.6	3.45	14.290
Lady Artis Hengerveld Burke De Kol, 78206, J. H. Mead & Son.....	3 5 2	5	7	294.7	4.09	12.049
New Years De Kol, 78909, H. S. Gordon.....	3 2 5	9	7	328.0	3.36	11.020
Elsie Wit De Kol Johanna, 83535, Geo. T. McNeil.....	3 0 6	16	7	378.8	2.90	10.986
Belle Korndyke Manor Grace Pietertje, 76412, W. H. Grenell.	3 1 3	18	7	316.4	3.23	10.208
Katie Waldorf 2d, 76636, H. G. Whitney.....	3 3 13	21	7	290.8	3.22	9.377
Pontiac Gerben De Kol, 80368, Missouri Agricultural College.	3 0 6	72	7	270.0	3.37	9.107
Pontiac Lady Josephine, 78266, Missouri Agricultural College	3 0 28	43	7	294.0	3.09	9.087
Shadeland Zuba Burke, 84160, John M. Howard.....	2 11 14	4	7	394.3	4.29	16.914
Ladoga De Kol Pauline Burke, 84158, John M. Howard.....	2 11 7	8	7	410.6	3.83	15.741
Johanna De Kol Ormsby, 80269, W. A. Waite & Son.....	2 8 26	22	7	391.4	3.79	14.832
	2 8 26	6	30	1,536.7	3.86	59.319
Aaggie Hilda Mechthilde, 102992, F. N. Watkins.....	2 8 10	12	7	396.6	3.55	14.093
Tirania Clothilde De Kol, 80301, Quentin McAdam.....	2 10 6	4	7	411.4	3.36	13.840
Rowena Maid De Kol, 83267, Geo. F. Blewer.....	2 11 24	29	7	388.1	3.39	13.137
Wadmantje Queen 2d, 82397, O. J. Godfrey & Co.....	2 11 26	24	7	373.0	3.35	12.508
Jewel Perfection Quaker, 79797, Zoller Bros.....	2 8 3	25	7	358.5	3.39	12.145
Lady Floa Mercedes De Kol 2d, 78349, Quentin McAdam.....	2 11 10	12	7	338.4	3.56	12.051
Countess De Kol Burke, 81693, Quentin McAdam.....	2 6 17	8	7	348.9	3.31	11.535
May Hartog of Dutchland, 80001, D. W. Field.....	2 6 13	6	7	377.8	3.00	11.319
Belle Piebe Johanna, 79461, C. R. Montague.....	2 9 29	15	7	248.4	4.26	10.583
Paul Hengerveld Burke De Kol Queen, 82292, J. H. Mead & Son	2 7 6	13	7	326.6	3.05	9.949
Manor Star Belle Korndyke, 81266, W. H. Grenell.....	2 8 20	23	7	281.3	3.47	9.760
Alinda Burke, 86409, T. A. Mitenell.....	2 2 0	37	7	457.6	3.64	16.637
	2 2 0	17	30	1,939.2	3.54	68.664
Grace Hengerveld Burke, 86411, T. A. Mitchell.....	2 5 8	30	7	436.8	3.50	15.300
	2 5 8	18	30	1,845.1	3.45	63.573
Greendale Sadie, 91537, D. W. Field.....	2 2 7	4	7	385.6	3.92	15.107
Homestead Von Holingen De Kol, 80902, J. W. Dimick.....	2 2 24	13	7	435.0	3.23	14.069
	2 2 29	7	30	1,836.9	3.13	57.464
Bloomingdale Hengerveld Ondine, 84328, A.A.Cortelyou.....	2 1 26	8	7	336.4	4.18	14.062
Wooderest Princess De Kol, 82918, J. W. Dimick.....	2 1 21	9	7	342.4	4.07	13.932
	2 1 21	7	30	1,618.8	3.48	56.304
Wooderest Korndyke, 85211, J. W. Dimick.....	2 1 26	13	7	397.5	3.43	13.648
	2 1 26	10	30	1,748.9	3.15	55.142
Dora Pietertje Concordia, 84241, Quentin McAdam	2 1 6	15	7	378.3	3.61	13.639
Valley, 87369, J. H. Partrick.....	2 3 14	53	7	401.7	3.34	13.416
	2 3 14	48	14	801.0	3.32	26.560
Fairview Lady Korndyke, 97920, E. H. Dollar.....	1 10 10	8	7	306.9	4.30	13.188
Pontiac Ascalon, 89059, Eastern Michigan Asylum.....	2 3 14	38	7	358.0	3.65	13.060
Marion Pauline Pietertje Princess, 90616, J. H. Partrick....	2 0 9	16	7	377.5	3.35	12.650
	2 0 9	**8**	**15**	**759.6**	**3.49**	**26.500**

Mona Veeman, 92212, John M. Howard	1 11 15	11	7	324.8	3.88	12.595
Mercedes Kiatta De Kol, 88614, O. J. Godfrey	2 1 18	83	7	315.4	3.84	12.097
Oakhurst Butter Girl, 85011, A. L.Brockway	2 1 1	22	7	308.4	3.83	11.811
Aaltje Salo Susie De Kol, 86896, Julius Rust	2 2 23	14	7	325.3	3.59	11.682
Koningen Spofford De Kol, 85006, A. L. Brockway	2 3 14	10	7	363.6	3.21	11.677
Jamaica Veeman De Kol, 80901, J. D. Dimick	2 2 16	29	7	344.9	3.37	11.638
Aaltje Salo 5th's Netherland 6th, 86894, Julius Rust	2 3 23	23	7	281.4	4.09	11.516
De Kol Echo Molly 2d, 90467, Quetin McAdam	2 1 7	7	7	261.2	4.37	11.425
Manor Queen Korndyke, 91250, W. H. Grenell	2 0 26	16	7	310.1	3.67	11.372
Yankee De Kol de Yong 2d's Yankee Girl, 89535, E. S. Robinson	2 0 21	14	7	291.8	3.87	11.295
Gelschecola Clyde, 88196, H. D. Crossman	2 3 5	24	7	306.6	3.67	11.261
	2 3 5	17	14	601.5	3.67	22.052
Manor Beets Korndyke, 91249, W. H. Grenell	2 0 24	16	7	267.4	4.11	10.985
Ruth Artis Belle Oakhurst, 85534, A. L. Brockway	2 1 16	32	7	289.9	3.73	10.814
Sora Veeman, 92211, John M. Howard	1 11 24	13	7	274.8	3.81	10.462
Lady Netherland De Kol Oakhurst, 85003, A. L. Brockway	2 2 1	8	7	235.7	3.60	8.554
	2 2 1	46	7	281.1	3.76	10.418
Ina Lady Jolie Johanna, 84090, L. E. Connell	2 4 0	25	7	354.4	2.91	10.329
Alece Concordia, 84240, Quentin McAdam	2 0 4	9	7	290.9	3.48	10.128
Duchess Margaret Oakhurst, 85008, A. L. Brockway	1 11 21	19	7	304.1	3.30	10.045
Mignone Twisk Queen Lilith, 90468, R. M. Stone	2 1 20	25	7	321.5	3.05	9.821
Aaggie Pietertje Witkop, 96084, J. D. Hagan	1 11 11	39	7	272.9	3.50	9.551
Albino Clothilde Johanna, 97820, F. H. Thomson & Son	1 10 3	16	7	297.6	3.21	9.545
Tirania Yankee 2d's Maid 2d, 89539, E. S. Robinson	2 0 16	21	7	283.1	3.35	9.493
Piebe Mercedes 2d, 86897, Julius Rust	1 11 26	24	7	271.2	3.40	9.216
May Pietertje De Kol Neta, 90617, J. H. Partrick	2 1 10	9	7	316.5	2.87	9.092
Mary Peg Mechthilde, 82854, James Phelan	2 3 17	217	7	250.5	3.60	9.010
Pontiac Bodera, 88780, Eastern Michigan Asylum	2 2 15	14	7	249.3	3.56	8.874
Dutchland Abbekerk De Kol, 87415, D. W. Field	2 2 29	8	7	236.8	3.57	8.462
Pontiac Cynthia, 88779, Eastern Michigan Asylum	2 3 15	29	7	225.9	3.72	8.401
Sethje Soldene Burke, 90352, T. A. Mitchell	2 1 7	11	7	268.3	3.07	8.231
Yankee Mary De Kol 2d, 89534,, E. S. Robinson	2 0 17	17	7	240.5	3.20	7.702
Fairview Aesula Ormsby, 102148, E. H. Dollar	1 11 25	146	7	189.0	3.90	7.366

Delavan, Wis., May 13th, 1908. MALCOLM H. GARDNER, Supt. of Advanced Registry.

butter per week. These averages break the record for aerd reports to date, and are too large to be easily comprehended.

While this issue of the official reports announces no breaking of records for butter-fat production, the records reported are such as to be simply astonishing; and in the limited space at his disposal the Superintendent can only speak of averages, merely touching on a portion of the records in the several classes. The dairy and agricultural press is invited to examine the lists carefully, for such a report for any breed has never been laid before the public.

Of the 160 animals reported, thirty-nine, or almost exactly one-fourth, produced over 18 lbs. of butter fat. These thirty-nine animals averaged 516.9 lbs. milk containing 21.278 lbs. butter fat, showing an average of 4.12 per cent. fat. This production is equivalent to 73.6 lbs., or 35 quarts milk per day, and 24.82 lbs. of the best commercial butter per week, for each of the thirty-nine animals ,of which thirteen were under full age.

There are fourteen heifers reported in the lists that averaged just past two years of age, and produced above 12 lbs. fat. The average production for each of these fourteen heifers was 375.3 lbs. milk containing 13.814 lbs. of butter fat, showing an average of 3.68 per cent. fat in the milk. The fat produced was sufficient for making 16.116 lbs. of the best commercial butter to be credited to each of the heifers.

Among the full aged cows two produced above 26 lbs. fat in seven days, and above 107 lbs. in 30 days; two produced between 24 and 25 lbs.; two between 23 and 24 lbs.; three between 22 and 23 lbs.; four between 21 and 22 lbs.; three between 20 and 21 lbs.; seven between 19 and 20 lbs., and three between 18 and 19 lbs. fat. One senior four-year-old produced over 27 lbs. fat; one between 23 and 24 lbs., and two between 21 and 22 lbs. fat.

One junior four-year-old produced over 22 lbs. fat, three between 21 and 22 lbs., and one between 18 and 19 lbs.; while the first four also made fine 30-day records, as did many of the first two classes mentioned. Of the senior three-year-olds one produced above 19 lbs. fat, and two between 18 and 19 lbs., while of the junior three-year-olds one produced above 18 lbs., two between 17 and 18 lbs., and on nearly 17 bs. fat. One senior two-year-old produced nearly 17 lbs. fat, and one nearly 16 lbs.

The great work of the Junior Two-year Class has been mentioned in the averages above, and five of the fourteen heifers in the list of honor also made fine 30-day records. One heifer produced over 16 bs. fat; two, between 15 and 16 lbs.; two, between 14 and 15 lbs.; six, between 13 and 14 lbs., and three, between 12 and 13 lbs. fat. Only a careful study of the lists will enable a person to comprehend the magnitude of the tests reported; for, owing to the fact that fifty-eight animals out of the 160 reported hold places of honor, space will not permit of the Superintendent's speaking of them individually.

M. H. GARDNER, Supt. A. R.

Transfers.

List for Week Ending Feb. 29, 1908.

COWS.

NEW YORK.

Pietertje Witkop Tietje De Kol, W. H. Carrier to E. A. Powell, Syracuse.

Plattekill Cornucopia Queen, Oliver C. Du Bois to J. T. Gaffney, Ohioville.

Poland Beauty Netherland, Stevens Bros.-Hastings Co. to S. R. Fuggle, Delphi Falls.

Princess Ida Milla De Kol 3d, Jas. Williams to C. A. Wilson, Theresa.

OHIO.

Lily Lyons 4th Hengerveld, Lily Lyons 5th Hengerveld, Pauline Nudine De Kol 2d and Rosetta Hengerveld De Kol, C. H. Ford to W. H. Hale, Burton.

Impatience of Garfield, J. F. Redman to Christ Martig, Salem. Lady Dukess, Wm. Justice to Martin Bosler, Louisville.

Lady Gerda 4th, Byron Brink to J. William Onweller, Wauseon.

PENNSYLVANIA.

Countess Ahtapee De Kol, E. C. Brill to Samuel J. Tilden, and from Samuel J. Tilden to F. W. Levis, Chadds Ford.

Daisy De Kol of Lehigh, O. S. Grim to Harry C. Gernert, Breinigsville.

Dorothy Countess Tirania, David C. Miller to G. H. Lindsay, New Milford.

Sientje Mechthilde, David C. Miller to G. H. Lindsay, New Milford.

VERMONT.

Carrie Pauline Clothilde, Daisy Merdu, Samuel P. Curtis to Wm. P. Bixby, Ludlow.

Bess Pasha Buttercup, F. B. Cushman to B. C. Douglas, Concord.

Khrone's Mercedes Queen, O. J. Maynard & Son to Walter H. Ellsworth, Cambridge.

WASHINGTON.

Allie Mona De Kol 2d, Canary Longfield De Kol, Easle Groton 6th's Canary, Josephine Canary, Pauline De Kol Lillian 2d, and Pearl Pink Johanna Dinkje, John B. Irwin to J. P. Marks, North Yakima.

Kishie Johanna, John B. Irwin to H. C. Davis, North Yakima.

WISCONSIN.

Flora May Belle, Homestead Goldie Martha, Quoque Molly Deen and Wayne Pet, Carl Foll to C. A. Schroeder, W. Bend.

Canary Kaastra, Jolie Tillie De Kol, Lady Kaastra and Speckled Aaggie Cornucopia, John B. Irwin to W. M. Coxe, Whitewater.

Belle Battles De Kol Acma, C. H. Stevens to Ernest Nass, Jefferson.

Belle Maplewood, Carl Foll to Wm. Quandt, Kewaskum.

Emma Louise De Kol of Lake Side, S. B. Jones & Son to John Masche, Juneau.

Emma Schultz De Kol Friend, C. H. Stevens to Ernest Nass, Jefferson.

Fraulein Duchess 2d, E. J. Fargo to Frank B. Fargo, Lake Mills.

Fredonia Piebe De Kol, E. J. Fargo to Frank Fargo, Lake Mills.

Hendrika Mercedes Pietertje, J. Vernon Nichols to John G. Voss, Elkhorn.

Leda Wayne 2d, John Legler & Son to L. G. Legler, Juda.

Lilith Coin Ingalls Buttercup, Frank B. Fargo to W. H. Jones, Juneau.

Mercedes Girley, Fred E. Harriman to Wisconsin Live Stock Association.

Wisconsin Live Stock Association to August Gollnick, and from August Gollnick to C. J. Walter, W. Bloomfield.

Mercedes Girley 2d, August Gollnick to C. J. Walter, W. Bloomfield.

Minita Butter Maid, John B. Irwin to Chas. Billett, Whitewater.

Minita Pansy, John B. Irwin to Chas. Billett, Whitewater.

Netherland Mercedes Girl, H. F. Weaver to E. E. Ayer, Walworth.

Queen Mechthilde Tirania, John Legler & Son to L. G. Legler, Juda.

Sterling Galaxy De Kol, Irving Smith to W. H. Stiener, Brownsville.
Sterling Mercedes De Kol, Irving Smith to W. H. Stiener, Brownsville.

BULLS.

CALIFORNIA.

Martin of Riverside, Charles D. Pierce to W. H. Putnam, Visalia.
Sir Pietertje of Pleasant View, J. C. Thorn, Jr., to Fred R. Vossler, Portersville.
Zulock Westburg of Pleasant View, J. C. Thorn, Jr., to Joseph Vossler, Portersville.

CANADA.

Prince Hengerveld De Kol Burke, G. C. T. Ward to William B. Pringle, Napanee, Ont.

DISTRICT OF COLUMBIA.

Buckeye Maid 5th's Paul, Wing R. Smith to Government Hospital for Insane, Washington.

ILLINOIS.

Beechwood Dave, J. H. Coolidge & Son to C. B. Dorr, Tiskilwa.
Billy Huntley De Kol, James Hadley to E. E. Keating, and from E. E. Keating to J. Conley, Huntley.
Edgehill De Kol, J. H. Coolidge & Son to Hy Hoppler, Princeton.
Peterkin Best, C. B. Wilber to R. E. Haeger, Algonquin.
Reka Ormsby Aaltje, H. S. Kleckner to Fred J. Karlen, Winslow.
Sir Aaggie De Kol Pietertje, Michael Smith to R. E. Haeger, Algonquin.

KANSAS.

Virgo De Kol, H. Van Leeuwen to W. S. Williams, Ottawa.

MAINE.

Maple Hill Farm Korndyke, Walter S. Keene to Edward S. Osgood, Auburn.

MASSACHUSETTS.

Summit Farm De Kol, Fred W. Jones to Daniel Herliley, Rowley.
Walpole Duke De Kol, Medfield Insane Asylum to H. Miller, Walpole.

MICHIGAN.

Peaceland Sir Posch De Kol, Clark L. Brody to Clarence A. Brody, Constantine.
Sir Beauty Colantha Butter Boy, Chas. L. Foster to Harvey S. Day, and from H. S. Day to D. Owen Taft, Oak Grove.
Sunbeam Sir De Kol, Louis J. Osinga to Harry Van Splunter, Byron Center.

MINNESOTA.

Dulcie Clothilde Prince, Oscar A. Swenson to E. G. Hodarff, Royalton.
Northfield Laddie, G. L. Miller to Daniel Koester, Northfield.
Northfield Laddie of Fairview, G. L. Miller to J. M. Clapham, Northfield.

MISSOURI.

Burton Wyntje Laddy Nico, Mrs. E. S. Burton to J. M. Verdier, St. Joseph.
Johanna Rue Sir Carmen, L. G. Legler to E. H. Colter, Lagrange.

NEW HAMPSHIRE.

Duchess Clothilde's Lad 12th, A. George C. Cary to Thomas P. Goold, Hanover.
Sir Korndyke Burke De Kol, Stevens Bros.-Hastings Co. to H. W. Keyes, North Haverhill.

NEW JERSEY.

Sir Korndyke Butter Boy De Kol, Henry Stevens & Son to John Dawes, Jr., Lebanon.

NEW YORK.

Admiral Mercedes De Kol 2d, Sanford R. Clark to Wm. D. Buckley, Amsterdam.
Adrianko, D. H. Burrell & Co. to A. H. Dievendorf, Sprakers.
Boon De Kol Beryl, D. A. Holmes to Clark M. Brainard, Stockwell.
Butter Boy Sir Korndyke, Henry Stevens & Son to H. A. Medlong, Oswego.
Colantha Beryl Wayne, E. H. Stage to Dennis Corbett, Montgomery.
Count of the Oaks, C. H. Weaver to J. S. Miller, Craryville.
Dairy Land Pietertje De Kol Paul, H. O. Veltman to L. Levine, New York City.
Earl Beryl Terpstra, Henry Stevens & Son to W. P. Sabin, Spencer.
Inka Prince Royal, A. E. Helmer to Thompson & Johnson, Deer River.
King Pontiac Hesseltje, Stevens Bros.-Hastings Co. to John M. Stoddard, Horseheads.
Lord Netherland Delmar De Kol 2d, Henry Hartwell to Floyd Y. Keeler, North Salem.
Neilboer Vergens Paul, Harvey Gramps to Jacob Rutishouser, Canajoharie.
Paul De Kol Pontiac, D. S. Burdick to Baker Brothers, Scio.
Paul Echo Tritomia, Clayton H. De Lano to Alanson D. Bartholomew, Whitehall.
Plattekill Cornucopia Signet, Oliver C. Du Bois to J. T. Gaffney, Ohioville.
Prince Hamilton Trijntje, O. R. Cole to Louis Smith, Camden.
Prince Shadeland Piersma, Samuel J. Tilden to F. S. Hall, East Chatham.
Sir Aaggie Abbekerk Jewel, J. L. Baltz to Green & Carlisle, La Fargeville.
Sir Daphne Corona De Kol, Beaver Lodge to John A. Diez, Wilson.
Sir Echo Wayne Paul, I. T. Mapes to J. T. Howell & Son, and from J. T. Howell & Son to James Chambers, Walton.

HOLSTEIN--FRIESIANS

GENIE CLOTHILDE one of the world's best official record cow for one day's butter production.

PONTIAC CHIRON one of the best sons of Hengerveld DeKol.

W. W. CHENEY, - - - Manlius, N. Y.

Woodside Lord Netherland De Kol No. 49212

BORN MAY 6, 1907.

Sire, Korndyke Queen De Kol Butter Boy, 6 A. R. O. daughters. — G. S., De Kol Butter Boy 2d, 9 A. R. O. daughters. G. D., Korndyke Queen De Kol, A. R. O.

Dam, Viola De Kol Mechthilde, A. R. O. 14.76 lbs. butter from 313 lbs. milk at 2 years and 3 days old. — G. S., Lord Netherland De Kol, 67 A. R. O. daughters. G. D., Viola Pauline Mechthilde, No. 61618; not tested.

Sire: This is the most perfect and beautiful of all the Korndyke bulls, and he will soon have many A. R. O. daughters. His first 4 to come in milk average 3.82 per cent. fat, 12.42 lbs. butter. Two of them are yearlings and average 4.20 per cent. fat.

Dam: This very handsome cow's picture is published in last volue of the "Blue Book." Her sire has 67 A. R. O. daughters.

This beautiful, evenly marked bull will be sold cheap; must sell to make room for heifers. He is well grown and a splendid bargain for some one.

JOHN B. MARCOU, Princeton, Mass.

21 lb. Korndyke Yearling Bull

Born March 20th, 1907. Sire, Witkop DeKol Korndyke Wayne, whose dam has an A. R. O. record of 28.87 pounds butter in seven days, average fat 4.77%, She also produced in one day 5.96 pounds butter which is the WORLD'S record for one day's production. The dam of this young bull made 21.06 pounds butter and 524 pounds milk in seven days. This bull is a fine individual and ready for service, in fact we have bred some of our young heifers to him already. Write for description and price, if you want a good one.

F. W. Ames, Morristown, N. Y.

Meadow Brook Farm offers a bull calf born Oct. 12, 1907. A little more white than black—A Dandy—Sire, De Kol Hengerveld Burke King. He by DeKol Hengerveld Burke and out of a dam with a record better than 20 lbs. The dam of the calf has a record of over 19 lbs. at 4 yrs. of age. He is a fine individual every way and will make a great sire. He will go quick at $50. If you want him do not wait.

E. E. POOLE, Lincklaen Center, N. Y.

FAIRVIEW FARM HOLSTEINS

For Sale, Handsome Yearling Bull Calf, born March 23d, 1908. Dams' record just made. 19.02 lbs. at 3 yrs; Granddam 17.69 lbs. 95 days after calving, and 13.13 lbs. 254 days after calving; Her dam, 19.226 lbs. at 11 yrs., 11 months, 6 days of age.

Sire's dam's recoed is above 25¼ lbs. at 4 yrs. Sire's sire's dam also above 25¼ lbs at 4 yrs. Many other large records in pedigree, 10 above 25 lbs. each.

Also. a full brother in blood to above calf born Nov. 28th, 1907.

Must sell at once, we need their room.

Oswego Co. O. J. GODFREY & CO. Pennellville, N. Y.

Hygeia Pontiac Pietertje

Born July 16, 1907

Sire, Pontiac Calypso's Son, dam and sire's dam average 28.15 lbs. each. — Beryl Wayne's Paul De Kol, A. R. O. of dam 27.87 lbs.; 24 A. R. O. daughters. Pontiac Calypso, A. R. O. 28.43 lbs.; 75 A. R. O. half sisters.

Dam, Joe Bach Josephine, A. R. O. 512 lbs. milk, 23.82 lbs. butter. — Aaggie Grace, Piet. Clothilde, 18 A. R. O. daughters. Joe Bach 2nd.

A very fine individual, well grown and nicely marked. Average record of three nearest dams is 26.7 lbs. each. Guaranteed sraight and right every way. Write at once. Mention World.

HYGEIA HERD

J. B. Loomis, Supt. Crozet, Albemarle Co., Virginia.

Dr. W. F. CARTER, Owner

Sir Jewel Tennessee, J. L. Baltz to W. B. Stoat, La Fargeville.

Sir Lilith Pietertje, Clayton H. De Lano to John K. Graham & Wilson Meicklejohn, Putnam.

Sir Lutseke Tina De Kol, W. A. Carr to David R. Clay, Vesper.

Sir Pauline De Kol Count 3d, C. B. Wilber to Leon Guile, New Berlin.

Sir Pontiac Inka Korndyke, E. H. Dollar Earl E. Laidlaw, Gouverneur.

Sir Veeman De Kol Beets, W. A. Carr to John Reagan, Messengerville.

NORTH DAKOTA.

Sir Gerben, C. L. Howe to P. St. Jacque, Heaton.

OHIO.

Count Lyons Kuperus, P. D. Reed to Lew Morton, Burton.

De Kol Paul Lyons, H. E. Ford & Sons to Elgar Cook, Burton.

OKLAHOMA.

Monarch of Oklahoma, H. B. Cowles to M. S. Rankin, Bartlesville.

PENNSYLVANIA.

Paul Brada Madrigal, Lackawanna Breeders' Association to G. A. Spencer, Waverly.

VERMONT.

General Cradock De Kol 2d, George W. Moxley to Carl W. Bean, Glover.

Worcester De Kol Jewett 4th, Worcester Insane Hospital to F. I. Marvin, St. Albans.

WISCONSIN.

Duke Netherland Dieuwertje, Edward J. Yager to O. G. Holstrom, Barron.

Fobes Fayne De Kol, S. B. Jones & Son to John Masche, Juneau.

Indian Wit Chief, Jens Thorstad to Nils Holman, Deerfield.

Madger De Kol Korndyke, W. F. Tidyman to Charles Bonack, Mayville.

Maplewood Wit, Jens Thorstad to S. W. Cronk, Menomonie.

Netherland Silva of Brabant, A. G. Pingel to J. C. Tesch, Brillion.

Sir Mantle Piebe De Kol, Frank B. Fargo to John Babingtru, Sauk City.

Sir Netherland Korndyke 2d, W. F. Tidyman to John Wiegline, Oakfield.

Sir Netherland Korndyke 3d, W. F. Tidyman to Spencer Hazen, Waupun.

Sir Netherland Korndyke 4th, W. F. Tidyman to Mike Feucht & Co., Mayville.

Sir Netherland Korndyke 5th, W. F. Tidyman to E. D. Gibbs, Fox Lake.

Sir Paul De Kol Thorn, A. E. Howard to John Koeppe, Whitewater.

Transfers for Week Ending March 7.

COWS.

ARIZONA.

Mamie Ray, A. Starkweather to John S. Allen, Mesa.

CANADA.

Darkest Tolon, H. E. George to Jas. Bellamy, Sardis, B. C.

Blondean Hengerveld Pontiac, H. E. George to Wm. Elliott, Fairbairn, Ontario.

CONNECTICUT.

Countess De Kol Shadeland, Manilla Lady De Kol and Shadeland Illva Piersma, Samuel J. Tilden to John T.Hunt, Jr., Ridgefield.

DISTRICT OF COLUMBIA.

Inka De Kol Abbekerk Skylight, Richard D. Reynolds to Stevens Bros.-Hastings Co., and from Stevens Bros.-Hastings Co. to U. S. Soldiers' Home, Washington.

ILLINOIS.

Julia Parthenea of Blackhawk, Lady Helen De Kol of Blackhawk, Martha Mercedes De Kol of Blackhawk and Nancy Colanthus, Jas. H. Richardson to W. Myers, Pecatonica.

Astrea Netherland Mechthilde, John H. Diehl to J. P. Jansen, Effingham.

Beechwood Helen, I. L. Miller to Louis A. Buchner, Middletown.

Beechwood Helen, L. L. Miller to Louis A. Buchner, Middletown.

Richwoods Belle De Kol, L. L. Miller to F. E. Zimmerman, Metamora.

Richwoods Dinah De Kol, L. L. Miller to F. E .Zimmerman, Metamora.

Rosa Beeckwood 7th's Clothilde, John H. Diehl to J. P. Jansen, Effngham.

INDIANA.

Bibiana Pietertje Hengerveld, Empress Pietertje Hengerveld 2d, Friesian Hengerveld De Kol and Rowena De Kol Hengerveld, Stevens Bros.-Hastings Co. to Wm. N. Osborn, Wanatah.

Alma Jane Tulip, Marshall Gwinn to G. W. Kester, Marion.

Ora Huggins 2d's Lily Belle, Marshall Gwinn to G. W. Kester, Marion.

IOWA.

Gerster Lyons, Groveland Pauline Posch, Houwtje B. Pietertje 2d, Lady Idske De Kol, Lady Ona Hijlaard, Mercedes Jessie Arona, Netherland Tweede Pietertje and Pauline Witkop Netherland, Stevens Bros.-Hastings Co. to Frank White, Fonda.

Wapsie Princess Jewel 2d, W. B. Barney to T. E. Bloker, Janesville.

KANSAS.

Dolly Wayne Pauline, Geo. C. Mosher to Chas. Stephens, Columbus.

Parthenea Gerben Tritomia, Berry Lucas to Chas. Stephens, Columbus.

Pearletina Wyntje, Charles H. Boggs to G. G. Burton, Topeka.

MAINE.

Vernon Clothilde 2d's De Kol, Frank Parsons to F. W. Jones, Kennebunk.

MARYLAND.

Belle of Monocacy Mooie De Kol, McGill Belt to Shaffer T. Hargett, Frederick.

MASSACHUSETTS.

Amy Sarcastic De Kol, Est. of Chas. C. Cowen to T. S. Cowen, Williamsburg.

Anona, F. P. Knowles to Hazen Bros., W. Brookfield.

Barnsdale Tressa Clothilde, F. P. Knowles to John W. Beatty, Grafton.

Coicus De Kol, D. I. Stanton to D. I. Stanton & Son, W. Chesterfield.

Coral Witkop De Kol 4th, Geo. E. Jones to F. A. Williams, Wellfleet.

Daisy Sarcastic De Kol, Est. of Chas. C. Cowen to T. S. Cowen, Williamsburg.

Jessie Cornucopia, W. A. Matteson to D. W. Field, Montello.

Marion of Highlawn, F. P. Knowles to Hazen Brothers, West Brookfield.

Mercedes of Clothilde, D. C. Putnam to Alfred E. P. Rockwell, Worcester.

Piebe Vale, W. A. Matteson to D. W. Field, Montello.

Pride of Acton 2d, M. T. Carrigan to E. I. Ballantine, Mansfield.

MICHIGAN.

Aaggie Griffith, Orion H. Everett to Miller Bros., Birmingham.

Alta Pietertje De Kol Paul, H. A. Washburn to A. C. Weaver, Byron Center.

Flossie De Kol Mechthilde, R. C. Reed to J. M. Eager, Howell.

Gold Bug 2d, Richard Tallman to W. H. Lyons, Howell.

Houwtje Maid Calamity De Kol Irene, W. K Sexton to W. H. Lyons, Howell.

Houwtje Maid Calamity De Kol Irene, W. K. Sexton to W. H. Lyons, Howell.

Katie Queen Pearline 2d, J. S. Childs to Samuel J. Temion, Howell.

Lady Antje Fairmount, Orion H. Everett to Miller Bros., Birmingham.

Moonlight Pauline De Kol 2d, M. J. McPherson to E. E. Knight, Fenton.

MINNESOTA.

Beauty Gem Posch, H. T. Allen to John B. Irwin, Minneapolis.

Fancy Girl, L. L. Herrington to John B. Irwin, Minneapolis.

Shadeland Zora Johanna, E. P. Miller to G. L. Miller, Northfield.

Spring Brook Ella Posch, H. T. Allen to John B. Irwin, Minneapolis.

MISSOURI.

Elma Maid, Gerster Lill 2d, Hazel Ophelia Queen, Hilda Monk, Lady Winters 2d's Daughter, Mahomet Konig De Kol, Money and Zwen De Kol, Esther A. Horr to M. E. Moore, Cameron.

NEBRASKA.

Lucile Abbekerk, J. R. Elliott to Frank Froemel, Humphrey.

NEW HAMPSHIRE.

Aaggie Sir Jewel of Concord, E. I. Ballantine to S. H. Mann, Littleton.

Alice Beauty De Kol, Canterbury Shakers to Herman Page, Tilton.

Banjo Alice, Canterbury Shakers to E. C. Breed, E. Weare.

Carla De Kol, E. I. Ballantine to F. D. Stebbins, Jefferson.

Perfect 7th's Canterbury Maid, Canterbury Shakers to E. W. French, Pittsfield.

NEW JERSEY.

Lulu Ondit De Kol, Schwarz Adler Lulu and Wachusett May, Louis H. Rushton to Bernhard Meyer, Findern.

Bon Bon De Kol, Countess Katie Pauline Wayne, Lady Pell 4th, Miriam De Kol, Pauline Miriam De Kol, Pleasant Dream, Schwarz Adler Miriam and Schwarz Adler Pauline, Therese C. Rushton to Bernhard Meyer, Findern.

Bay Hill Beauty, Freerkje Lyons 2d, and Jessie Marks, E. I. Ballantine to H. P. Robinson, Red Bank.

Easter Arbutus De Kol, John Arfmann to John C. Sharpe, Blairstown.

Johanna Mollie Pietertje, Horace L. Bronson to W. H. Farmer, Montclair.

Ruby Artis, John Arfmann to Albert Yetter, Blairstown.

Vern Spofford, J. F. Stoddard to Thos. M. Tice, and from Thos. M. Tice to Lippincott Moore, Deerfield St.

NEW YORK.

Claribel Tirania, Doris De Kol of Mariposa, Doris Shadeland Pietertje, Doris Spofford, Ianthe Niko and Ianthe Pietertje, A. O. Stewart to F. S. Mitchell, DeRuyter.

Dyanza Gerben Carlotta, Dyanza Gerben Johanna and Princess Gerben Johanna, G. DeForest Hunt & Co. to W. C. Hunt, Fayetteville.

Carlotta Pietertje, Carlotta Pontiac of Way Side and Clothilde Spofford Queen, G. DeForest Hunt & Co. to Grant Farrington, Pulaski.

Molly Corona Burke, Poly Corona Burke and Victoria Empress Bonnie Bele 2d, Chas. C. Baldwin Estate to H. L. Pickard, Canastota.

Ella Pauline Friend De Kol, Eva Pauline, Hillview Bonnibel De Kol 4th, Oso Pauline De Kol 3d, Pauline Gorter De Kol 2d Pansy and Pauline Gorter De Kol 4th, Floyd Green to E. E. Clarke, Andover.

Cora Nudine Frenesta, Johanna Parthenea and Lucy Nudine Pietertje Bawn, A. C. Chase to Swartout & Jarvis, Hartwick Seminary.

Annie Blanche Lyons, Blanche Lyons 3d, Blanche Lyons 4th, Buckeye Queen, Cora Blanche Rauwerd, Cornucopia Anora, Cornucopia Orona, De Kol Burke's Orona, Dingle Lyons De Kol, Hartog Burke Inka, Kate De Kol Burke, Mahomet Burke De Kol, Maid of Aron Nudine, Nettie Mahomet Burke, Nettie Mahomet Netherland, Ophelia De Kol Burke, Ophelia De Kol Countess, Parthenea Burke De Kol, Suriol Cornucopia and White Jennie Ophelia, A. C. Chase to H. C. Swartout, Hartwick Seminary.

Inka De Kol Riepah, Paul Odonell De Kol Freda, Paul Odonell De Kol Rocklet and Pheda De Kol, Arden Farms Dairy Co. to W. A. McClellan, Arden.

Clothilde Canary Mercedes, Clothilde Pauline Lilith De Kol, Salo Canary Mercedes, and Susie De Kol Canary Mercedes, Quentin McAdam to H. C. Hemingway, Syracuse.

Beauty Pledge De Kol, Charlotte De Kol and Lady Jetta De Kol, Charles Ingamells to J. G. Ingamells, and from J. G. Ingamells to C. E. Snyder, Phoenix.

Fairmount Frances Hengerveld, Fairmount Pauline Beryl and Gem Mercedes, Princess, John Arfmann to F .V. Parkhurst, Florida.

Alkamar De Kol, Lottie Maid of Orange, and Maud Princess Mechthilde De Kol, R. V. Ryerson to John Arfmann, Middletown.

Gem De Kol Spofford, Gem Lilith Pauline Beryl and Gem Mercedes Princess, J. G. Drake to John Arfmann, Middletown.

Clothilde Gilberta Netherland, Fairmount Clothilde Cornucopia and Gem De Kol Spofford, John Arfmann to O. C. Smith, Hurleyville.

Aaggie Beauty Mechthilde, Quentin McAdam to T. Herlihy, Fabius.

Aaggie Cornucopia America Pauline, John B. Webster to W. C. Hunt, Fayetteville.

Aaggie Laurelle De Kol 2d, John Arfmann to Eugene Slaughter, Crystal Run.

Aaggie Mabel De Kol 3d, M. C. Stoddard to Fred E. Lindquist, Jamestown.

Aaggie Paul Netherland 3d, C. G. Brainard to Geo. W. Lamb, Hamilton.

Aaggie Posch, Fitzgerald & Webster to Horace L. Bronson, Cortland.

Aaggie Shadeland De Kol, H. L. Lottridge to W. B. Gates, New Berlin.

Agnes of Elmwood, Greaves & Cornell to G. H. Greaves, Whitney Point.

Alida Hartog De Kol, D. M. Rollins to Chas. Stafford, Venus.

Alpha Dean, Albert W. White to J. B. Vandervort, Hopewell Jct.

Alpha Virginia De Kol, Albert W. White to J. B. Vandervort, Hopewell Jct.

Altamiwa Countess 2d, John Arfmann to L. L. Edsall, Pine Island.

Amarilla 2d's Goldie's Pride, C. F. Hunt to G. DeForest Hunt & Co., New Centerville.

Beauty of Sunny Side, D. M. Rollins to Lester Baker, Whitesville.

Belle Lorine De Kol, Chas. Hunt to G. DeForest Hunt & Co., New Centerville.

Belle of Schilard 3d's Aaggie, A. T. Brown to F. A. Marriott, Clayville.

Bessie Huidekoper De Kol, Griffis Brothers to Horace L. Bronson, and from Horace L. Bronson to George Bates, Red Creek.

Coboca 5th's De Kol, John Arfmann to C. A. Haight, Millbrook.

De Kol Clothilde Queen Quoque, John Excell to I. S. Allen, Hubbardsville.

De Kol Maid of Englewood, E. J. Lewis to S. W. Studley, Dayton.

De Kol Pauline Lucille, Linn A. Skinner to W. B. Gates, New Berlin.

Dora Butter Queen De Kol, Henry Lee to John Merrick, Towners.

Dora Pietertje Hengerveld De Kol, Quentin McAdam to R. M. Stone & Sons, Marcellus.

Fairmount Korndyke Iris De Kol, John Arfmann to H. Thompson, Middletown.

Fairmount Pietertje May, John Arfmann to J. O. Goble, Florida.

Fanny Belle De Kol, D. M. Rollins to Thomas Stafford, Venus.

Flora Korndyke, Brown Brothers to Stevens Bros.-Hastings Co., Liverpool.

Friend Hengerveld, John Arfmann to L. L. Edsall, Pine Island.

Gem Lilith Pauline Beryl, John Arfmann to S. J. Fleming, Walden.

Ghaska, J. F. Barnard to Lewis Cornue, Pompey.

Homella 4th, A. C. Bangs to Wesley Southworth, Moravia.

Idyl 2d, C. Alexander Coleman to L. C. Coleman, Tioga Ctr.

To be continued.

Good News at Greenwood Stock Farm

Prof. H. C. Collins of Cornell University, is conducting the A. R. O. tests and among the number in test is **Pledge Spofford** at 5 years (the first daughter sired by **Katy Spofford Corona's Son** whose dam has never yet been beaten at her age in both milk and butter) ¾'s same blood as Prince Ybma Spofford, she now has to her credit 554.3 lbs. milk and 26.63 lbs. butter in 7 days. Another daughter, **Kekkie Spofford** at 4 years is showing equally well. He now has 22 A. R. O. daughters, 5 at three years average 21.05 lbs. butter in 7 days, more to follow soon, that will increase the number and the average. Our **"Prince Ybma Spofford"** daughters are showing up extra well, 5 to report soon.

We have recently secured the best bunch of 2, 3 and 4 years old **Johanna** heifers to be found in New York State all by same sire, "Johanna Paulette De Koll" and in calf to the only son of Betta Lyons Netherland, (see her late records.) This brings to our herd the best blood of the best breed of cattle on earth, the World's milk and butter records for 1 day, for 7 days, for 30 days and for 365 days. The World's records and 5 of the 30 lb. cows are represented in this herd. This is the place just now to secure your foundation stock, closely related to the best yet produced, **at reasonable prices.** The first Johanna heifer, placed in test, at 3 years, with no preparation whatever, produced 437 lbs. milk and 20.67 lbs. butter in 7 days. Another junior 3 year old, 180 days from calving, produced 381.5 lbs. milk and 17.17 lbs. butter in 7 days.

Any animal in the herd for sale. Inspection is solicited.

E. H. Knapp & Son, 20 miles So. of Syracuse D. L. & W. R. R. **Fabius, N. Y.**

A GRANDDAUGHTER of De Kol 2nd's Paul De Kol, the greatest son of De Kol 2nd, founder of the De Kols, is offered for sale. She is a fine individual, is 4 years old and a deep milker, although has lost one quarter. She was bred to King Pontiac Calypso Korndyke, June 13, 1907. Would sell for about what the calf she carries is worth.

Address. **W. L. KEYES, Valley View Farm, DEERFIELD, N. Y.**

A Great Young Bull Cheap.

You can get a great bargain in a fine very highly bred yearling bull, whose dam made 26.63 lbs. butter in 7 days, 107.62 lbs. in 30 days, on first test, while his dam and the dams of his first six direct sires average 25.66 lbs. butter in 7 days. The highest bred bull of the great Prietertje family, by writing to

E. A. POWELL. 904 W. Genesee St., SYRACUSE, N. Y.

NOTICE TO HOLSTEIN BREEDERS

Owing to the demand for Bull Calves from "THE FAMOUS $10,000 MILK AND BUTTER KING," the undersigned will receive orders for males for conditional future delivery, bred from a selected list of pedigreed dams, that will be submitted with prices.
Address

The David Harum Stock Farm, Homer, N. Y. and Oakhurst Farm, Auburn, N. Y.

Gardner Lake Farm Herd

Bulls six months old, sired by **Aaagie Cornucopia Butter Boy De Kol,** 43178, a grandson of **De Kol 2d's Butter Boy 3d** and **Aaggie Cornucopia's Paul De Kol.** His dam made 21 lbs. at 2 years, average per cent. fat, 4.53. Her dam made 22.94 lbs., per cent. fat 4.01.

Dams of bulls are daughters of **Aaggie Cornucopia's Paul De Kol** with good records. The prices are what you will give us. Write for pedigrees and pictures.

Gardner & Misner
Centerville Sta., N. Y.

CROWN HERD

I now offer a very fine bull calf, five months old, more black than white, nicely marked, and a good handler in every way. His dam has an A. R. O. record of 16.02 lbs. butter made at 9 years. She is now 15 years old. Has given over 4,800 lbs. of milk in 4 months. Calf's sire, Homestead Hengerveld Crown De Kol, No. 26345.

I. J. FOSTER - - - Cortland, N. Y.

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Sadie Vale DeKol Mercedes Paul 36160.

On account of inbreeding we are offering this richly bred young bull for sale.

He is a son of Mercedes Julip's Pietertje's Paul, sire of 23 or more A. R. O. daughters,

On his dam's side he is backed by good A. R. O. records for three generations.

He is a first-class breeder, sound, kind and all right.

H. M. LYON & SON
WYALUSING, PA

SUNRISE HERD has for Sale

Grandsons of Segis Inka and Sir Korndyke Manor De Kol.

No A. R. O. records—but breeding and individuality in every member of the herd.

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Registered Holstein-Friesian Cattle Wanted

Will pay cash. State lowest price, and give full description of animals, when bred, to what bull, ages, names, registry numbers, etc., in first letter.

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T. A. Mitchell, Weedsport, N.Y. writes: "Your stanchions are all right. I am very much pleased with them."

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Gem Herd Holstein-Friesian Cattle

Bull calf, Sire, Gem Hengerveld DeKol Butter Boy, No 9786. Dam, Fan Fan DeKol Pietertje No. 63915, a grand, good cow but never tested. Sold at your own price, if taken now. Born April 8th 1908

J. G. DRAKE, Somerville, N. J.

SPECIAL NOTICE Our cows are now just beginning to freshen, and we expect to test and retest them as fast as they are in condition. We *shall sell* all our bull calves, a few heifer calves and 25 A. R. O. cows. Our aim is to make our prices correspond with cattle selected. We invite inspection.

LOCUST HEDGE STOCK FARM
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MANOR FARM HERD

DEKOL WITKOP WAYNE 2d

A World Record Cow. 4.77 lbs. fat. 5.9625 lbs. butter in one day. 23.096 fat, 28.87 butter in 7 days. BRED, BORN, AND REARED AT MANOR FARM: So were her dams for FOUR GENERATIONS.

BREEDERS NOT DEALERS.

We are offering a bull calf out of this famous cow's dam, DeKol Witkop Wayne, who has an official record of over 20lbs butter in seven days at eleven years old, and sired by Prince Segis Korndyke. Born in February. Color about two-thirds black. Straight and right every way. Manor Farms are only a mile from the depot and we will be pleased to meet visitors at the train if given notice.

W. H. GRENELL, Owner. R. F. D. 1. **Pierrepont Manor, N. Y.** **MATT. J. HUGGINS, Supt.**

If you want a son of our great **Leila De Kol Johanna Lad** you will have to buy soon, as we have but three left old enough for service, whose dams have good A. R. O. records, backed up by the World's greatest A. R. O. breeding. We have two choice Korndyke bulls ready for service, one whose ten nearest A. R. O. dams average 22 lbs. butter each for 7 days.

If you wish to buy some good cows visit me before making your purchase, and I will give you bargains, such as you can not find elsewhere.

LAWRENCE L. GROW

Maple Lawn Stock Farm

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HIGHLAND HERD

offers a handsomely marked calf, Born March 5, 1908, out of

Princess Pietertje 2d, A. R. O. 23.36

(See frontispiece, last issue.)

and

King of the Veemans

Dam, 26.28; grandam, 25.55, great grandam, 26.67.

W. A. Carr, Tully, N. Y

In writing to advertisers mention the WORLD.

Edgelake Farm

Rutland, Mass.

For Sale, bull calf, born Jan. 25, 1908, sired by Small Hopes Cornucopia Lad, 41772, the grandson of Paul Beets De Kol and Aaggie Cornucopia Pauline, and from Grace Manor De Kol, A. R. O. 24.25 lbs. butter in 7 days from 484.8 lbs. milk, 4 per cent. fat. See photo in this issue, April 8th, 1908.

Write for description and price.

B. W. POTTER & SON

HILLSIDE STOCK FARM

Offers a large choice young Holstein-Friesian cows. One has an A. R. O. record and her daughter, the other, is from a 21.5 lb. dam. All due to freshen in June and all bred to America DeKol Burke, the only sire living or dead whose first daughter in milk makes 20.5 lbs. butter in 7 days. First check of $500 takes them.

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Homestead Girl De Kol's Sarcastic Lad, No. 32558; dam Homestead Girl De Kol, A. R. O. record, 26 29 lbs. butter in seven days, her milk averaging 3.94 per cent fat

Pietje 22nd's Woodcrest Lad, No. 39849. The dam of this bull is the great imported cow Pietje 22nd, No. 70884; seven day record, 673.9 lbs. milk, 31.62 lbs. butter; 30 day record, 2786.4 lbs. milk, 126.38 lbs. butter; one hundred and twenty days, 9291.5 lbs. milk, 395.38 lbs. butter. Six months record, 13,673.9 lbs. milk, 566.60 lbs. butter.

We have for sale, a few choice bull calves and young bulls ready for service, from A. R. O. dams with records of twenty pounds and better.

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